Colour television Chassis

Service
Service
Service

FL 1.1 AC
FL 1.7 AA

ServiceManual

Contents

Page

1. Block diagram and technical data 1.2
2. Connection facilities 2.1
3. Warnings and notes 3.1
4. Mechanical instructions 4.1
5. Detailed block diagram 5.1
6. Electrical diagrams and PCB layouts
   - Power supply (Diagram A) 6.1
   - Field and line output stage (DiagramB) 6.10
   - Tuner, Source selection (Diagram C) 6.13
   - Video processing (Diagram D) 6.22
   - PIP module (Diagram J) 6.25
   - Picture tube panel (Diagram E) 6.30
   - Operation (Diagram H) 6.32
   - Sound processing (Diagram F) 6.34
   - Sound output amplifier (Diagram G) 6.42
   - NICAM module (Diagram K) 6.44
   - High-End box (Diagram L) 6.48
   - High-End box (Diagram M) 6.52
   - Y/C Detector (Diagram I) 6.56
7. Electrical settings 7.1
8. List of error messages and repair tips 8.1
9. List of menus 9.1
10. Electrical parts lists 10.1

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PCS 42 397 GB

1.2 CHASSIS FL1.1 Block diagram

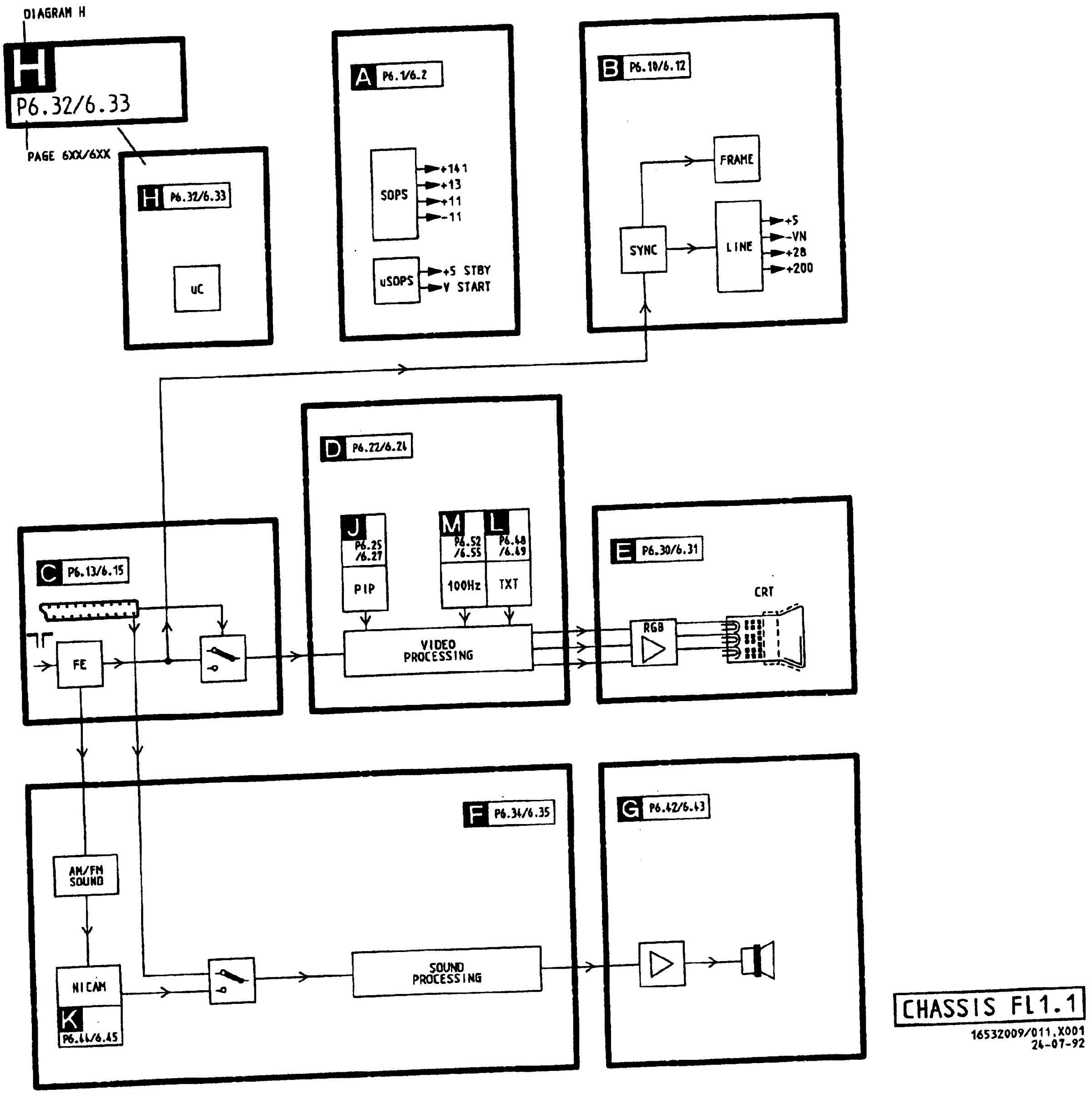
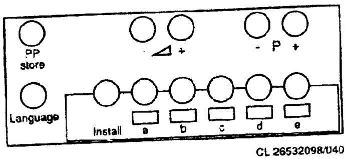


DIAGRAM H
H
P6.32/6.33
PAGE 6XX/6XX
H P6.32/6.33
uC
A P6.1/6.2
SOPS
+141
+13
+11
-11
uSOPS
+5 STBY
V START
B P6.10/6.12
FRAME
SYNC
LINE
+5
-VN
+28
+200
D P6.22/6.24
J P6.25 /6.27
PIP
M P6.52 /6.55
L P6.48 /6.49
100Hz
TXT
VIDEO PROCESSING
C P6.13/6.15
FE
E P6.30/6.31
CRT
RGB
F P6.34/6.35
AM/FM SOUND
NICAM
K P6.44/6.45
SOUND PROCESSING
G P6.42/6.43
CHASSIS FL1.1
16532009/011.X001
24-07-92

Technical data

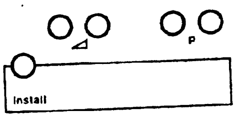
Mains voltage	: 220 - 240 V (± 10%) : 50 Hz - 60 Hz (± 5%)
Aerial input impedance	: 75 Ω - koaxial
Minimum aerial voltage	: 30 µV (VHF), 40 µV (UHF)
Maximum aerial voltage VHF/S/UHF	: 180 µV
Pull-in range colour synchronization	: ± 300 Hz
Pull-in range horizontal synchronization	: +200 Hz/-300Hz
Programmes	: 0 - 59
VCR programmes	: 0, 00, 50 - 59

Local operation functions:


PP
store
◁ +
- P +
Language
Install
a
b
c
d
e

CL 26532098/040
140792

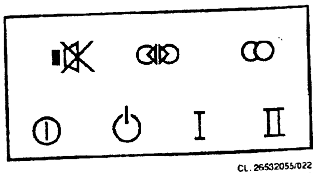
FL1.1



CL. 26532055/021
040592

FL1.7

Indications:
- On Screen Display (OSD)
- LED:



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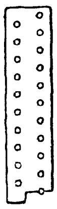
040592

Connection facilities

1. Specification of the connectors

EXT1 (AUX)



1 -Audio ○→ R (0,5V_{RMS} ≤ 1kΩ)
2 -Audio →○ R (0,2 - 2V_{RMS} ≥ 10kΩ)
3 -Audio ○→ L (0,5V_{RMS} ≤ 1kΩ)
4 -Audio ⊥
5 -Blue ⊥
6 -Audio →○ L (0,2 - 2V_{RMS} ≥ 10kΩ)
7 -Blue (0,7V_{pp}/75Ω)
8 -CVBS-status 1 →○ 0-2V: int
4,5-7V: ext 16:9
9,5-12V: ext 4:3
9 -Green ⊥
10 --
11 -Green (0,7V_{pp}/75Ω)
12 --
13 -Red ⊥
14 --
15 -Red (0,7V_{pp}/75Ω)
16 -RGB-status (0-0,4V: int. 1-3V ext. 75Ω
17 -CVBS ⊥
18 -CVBS ⊥
19 -CVBS ○→ (1V_{pp}/75Ω)
20 -CVBS →○ (1V_{pp}/75Ω)
21 -Earthscreen

EXT3 (front)

SVHS[1] 1 - ⊥
2 - ⊥
3 - Y →○ (1V_{pp}; 75Ω)
4 - C →○ (0,3V_{pp}; 75Ω)

◎ CINCH Video →○ 300mV_{pp}/75Ω[1]
◎ CINCH Audio →○ L (0,5V_{RMS}; ≥ 10kΩ)[1]
◎ CINCH Audio →○ R (0,5V_{RMS}; ≥ 10kΩ)[1]

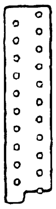
◎ 3.5mm 🎧 32-2000Ω ≥ 10mW

Audio out (rear)

◎ CINCH Audio ○→ L (0,5V_{RMS}; ≤ 1kΩ)
◎ CINCH Audio ○→ R (0,5V_{RMS}; ≤ 1kΩ)

front : 2 x 16W / 8Ω[1]
rear : 2 x 6W / 8Ω[1]

EXT2 (VCR)



1 -Audio ○→ R (0,5V_{RMS} ≤ 1kΩ)
2 -Audio →○ R (0,2 - 2V_{RMS} ≥ 10kΩ)
3 -Audio ○→ L (0,5V_{RMS} ≤ 1kΩ)
4 -Audio ⊥
5 -
6 -Audio →○ L (0,2 - 2V_{RMS} ≥ 10kΩ)
7 --
8 -CVBS-status 2 →○ 0-2V: int
4,5-7V: ext 16:9
9,5-12V: ext 4:3
9 --
10 --
11 --
12 --
13 --
14 --
15 --
16 --
17 -CVBS ⊥
18 -CVBS ⊥
19 -CVBS →○ (1V_{pp}/75Ω)
20 -CVBS →○ (1V_{pp}/75Ω)
21 -Earthscreen

EXT2 (SVHS) (rear)

SVHS 1 - ⊥
2 - ⊥
3 - Y →○ (1V_{pp}; 75Ω)
4 - C →○ (0,3V_{pp}; 75Ω)

◎ CINCH Audio →○ L (0,5V_{RMS}; ≥ 10kΩ)
◎ CINCH Audio →○ R (0,5V_{RMS}; ≥ 10kΩ)

SVHS[1] 1 - ⊥
2 - ⊥
3 - Y ○→ (1V_{pp}; 75Ω)
4 - C ○→ (0,3V_{pp}; 75Ω)

◎ CINCH Audio ○→ L (0,5V_{RMS}; ≤ 1kΩ)[1]
◎ CINCH Audio ○→ R (0,5V_{RMS}; ≤ 1kΩ)[1]

---

[1] Only for FL1.1.

2.2 CHASSIS FL1.1 Connection facilities

2. Connection of equipment

When an SVHS source is connected to EXT2' (SVHS) or EXT3 (SVHS) the CVBS at these inputs is switched off. To reproduce the CVBS signal from these inputs, the particular SVHS plug must first be removed.

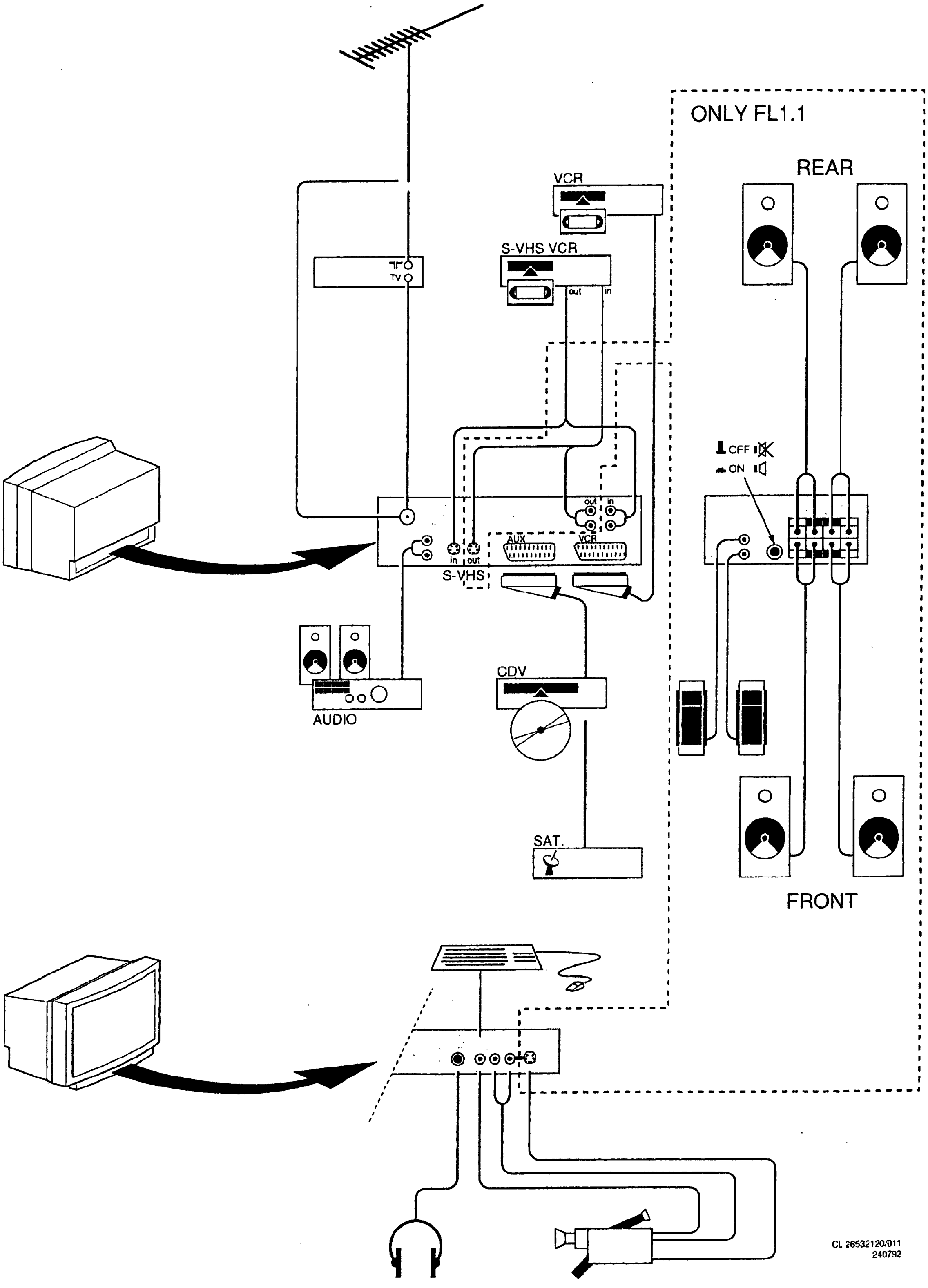

ONLY FL1.1
REAR
VCR
S-VHS VCR
out
in
TV
CFF
ON
out
in
AUX
VCR
in
out
S-VHS
AUDIO
CDV
SAT.
FRONT
CL 26532120/011
240792

Fig. 2.1

Warnings

1. Safety regulations require that the unit should be returned in its original condition and that components identical to the original components are used. The safety components are indicated by the symbol ⚠.

2. In order to prevent damage to ICs and transistors, all high-voltage flashovers must be avoided. In order to prevent damage to the picture tube, the method shown in Fig.1 should be used to discharge the picture tube. Use a high-voltage probe and a multimeter (position DC-V). Discharge until the meter reading is OV (after approx. 30s).

3. **ESD** ⚠

   All ICs and many other semiconductors are sensitive to electrostatic discharges (ESD). Careless handling during repair can drastically shorten the life. Make sure that during repair you are connected by a pulse band with resistance to the same potential as the earth of the unit. Keep components and tools also at this same potential.

4. When repairing a unit, always connect it to the mains voltage via an isolating transformer.

5. Be careful when taking measurements in the high-voltage section and on the picture tube.

6. Never replace modules or other components while the unit is switched on.

7. It is recommended that safety goggles are worn when replacing the picture tube.

8. When making settings, use plastic rather than metal tools.
   This will prevent any short circuits and the danger of a circuit becoming unstable.

9. After repair the wiring should be fastened once more in the cable clamps for this purpose.

10. In order to prevent measuring errors, the heat sinks should not be used as reference points for measurements.
    The heat sink for the sound output amplifier (next to the channel selector) is connected to the -16 or -12 volts.

11. On this unit the 140 volt supply voltage is not supplied via an interconnection on the deflection yoke to the line output transformer. When the deflection cable is detached, the +140 volt supply remains loaded. In order to unload the +140 volts, coil 5511 should be removed.

12. Together with the deflection unit and any multipole unit, the flat square picture tubes used form an integrated unit. The deflection and the multipole units are set optimally at the factory. Adjustment of this unit during repair is therefore not recommended.

Notes

1. The direct voltages and oscillograms should be measured with regard to the tuner earth (⊥), or hot earth (⊥↯) as this is called.

2. The direct voltages and oscillograms shown in the diagrams should be measured in the Service Default Mode (see chapter 8) with a colour bar signal and stereo sound (L: 3 kHz, R: 1 kHz unless stated otherwise) and picture carrier at 475.25 MHz.

3. Where necessary, the oscillograms and direct voltages are measured with (┐┌) and without aerial signal (╳). Voltages in the power supply section are measured both for normal operation (⌽) and in standby (⏻). These values are indicated by means of the appropriate symbols.

4. The picture tube PCB has printed spark gaps. Each spark gap is connected between an electrode of the picture tube and the Aquadag coating.

5. The semiconductors indicated in the circuit diagram and in the parts lists are completely interchangeable per position with the semiconductors in the unit, irrespective of the type indication on these semiconductors.

6. The connectors used for the modules (board to board) are gold-plated and should only be replaced by the same type.

7. In the case of error searching and/or repair to the PIP module, the accessibility of the circuit and the components can be increased by using extension cards.
   5 times: 4822 395 30261
   10 times: 4822 395 30257

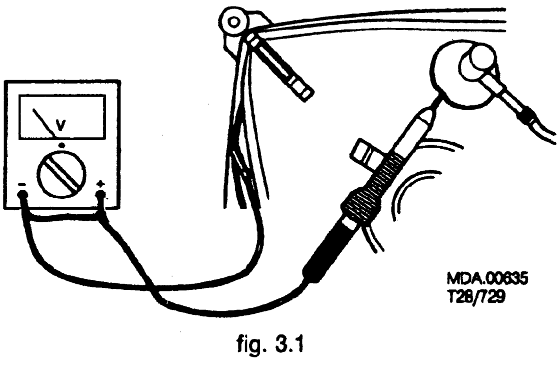


fig. 3.1

ɟ be
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bar
: unless
:5 MHz.

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ɔs. Each
ɟe of

diagram

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Mechanical instructions

1. Removing the back plate (Fig. 4.1)

Remove cover A from the back plate.
Remove connector B (L36) of the subwoofer.
Remove attachment screws C from the back plate.
Remove the back plate with the subwoofer fitted in it.
Attach the back plate by carrying out the above in the reverse order.

2. Service position to measure test points (Fig. 4.2)

Unlock the chassis panels by pressing locks D.
Pull both chassis panels backwards at the same time until all measuring points are accessible.

3. Service position for repair (Fig. 4.3)

Remove the LED display E (see Fig. 4.3) of the large signal panel.
Tilt the back of the two panels and attach both panels using brackets F situated on the underside of the small signal panel, at an angle of 90° to one another.

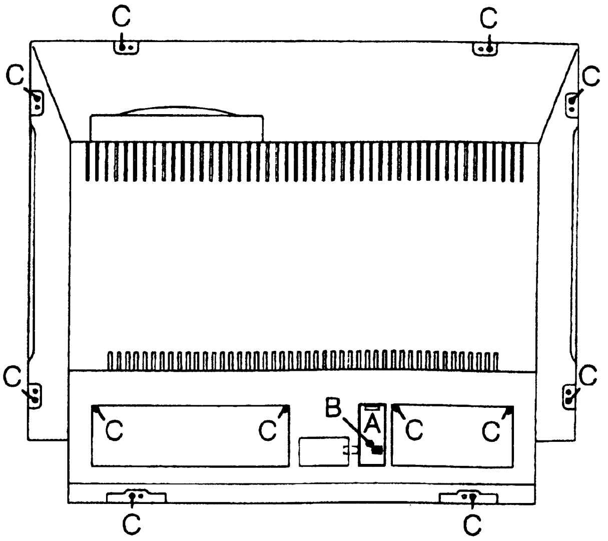
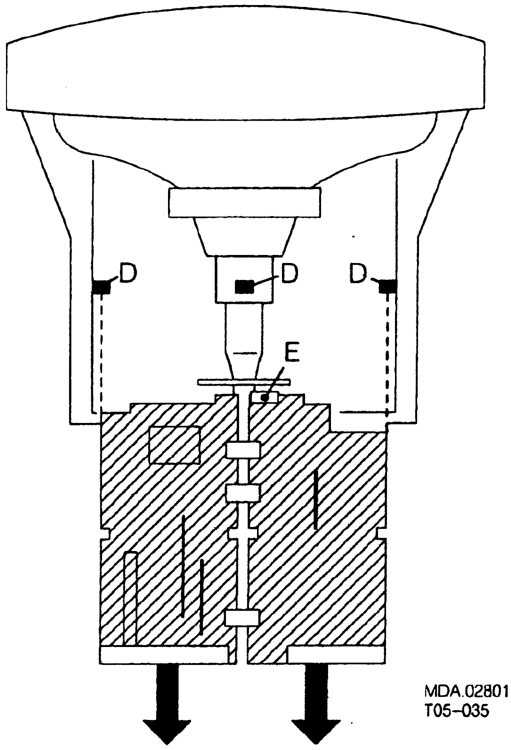


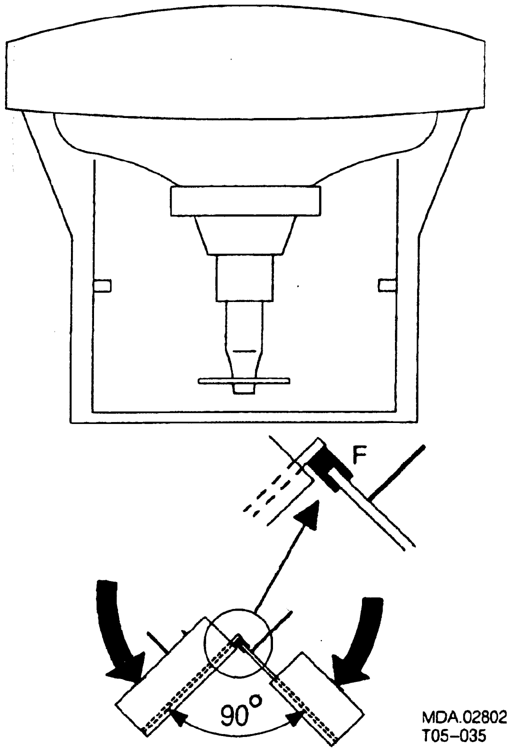
Fig. 4.1

MDA.02803
T05-035



MDA.02801
T05-035

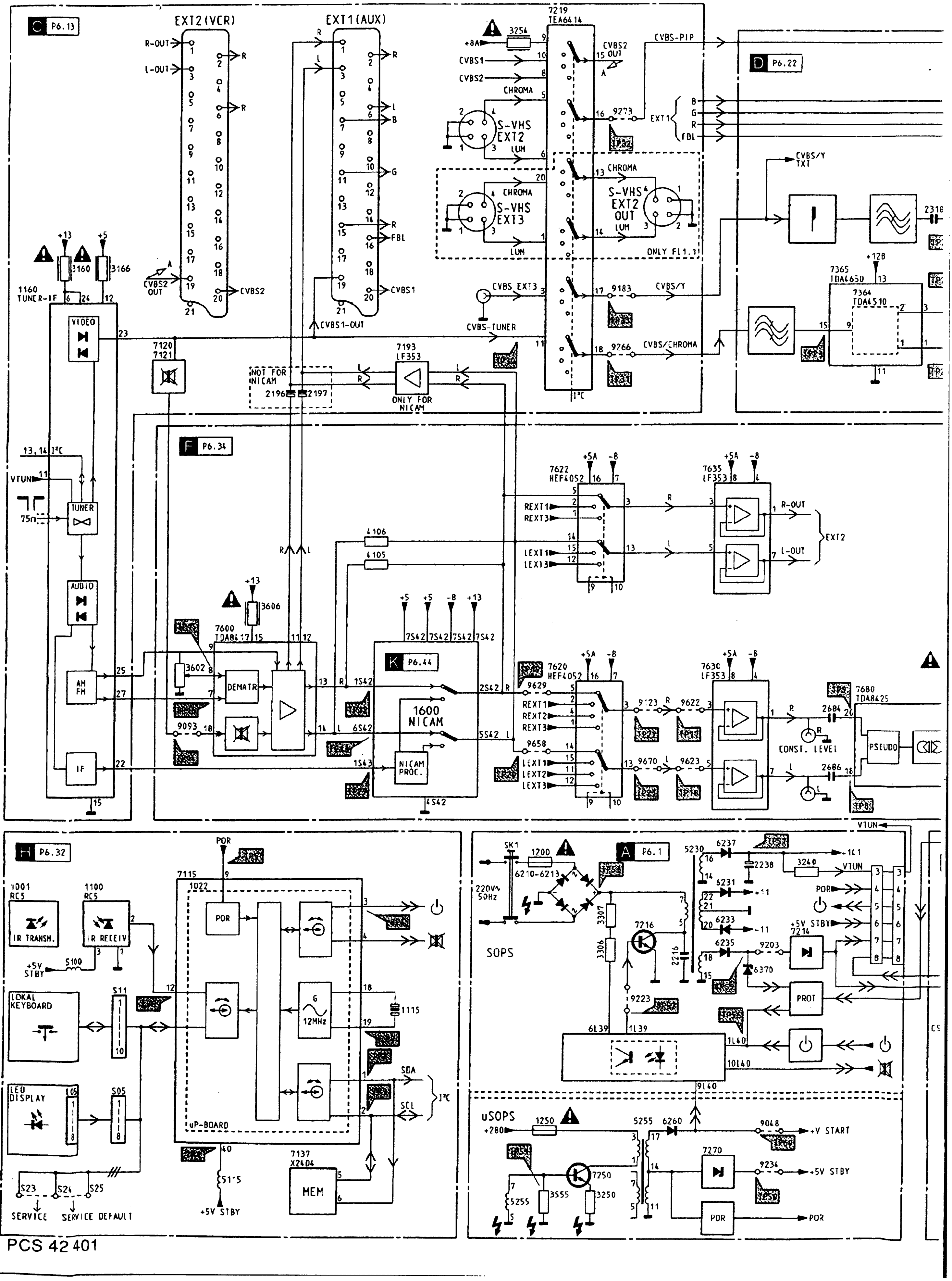
Fig. 4.2



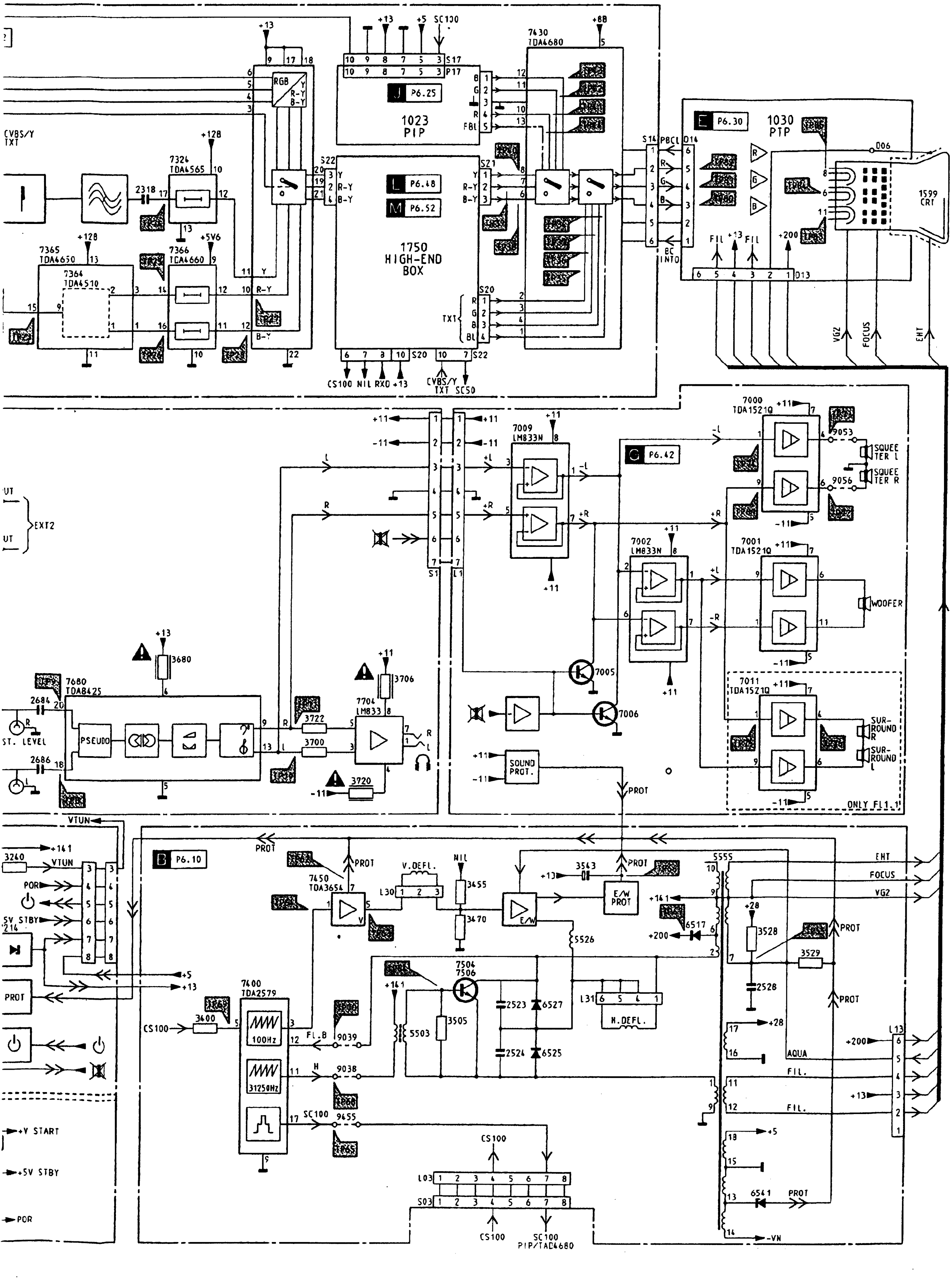
MDA.02802
T05-035

Fig. 4.3

Blockdiagram / Blockschaltbild /

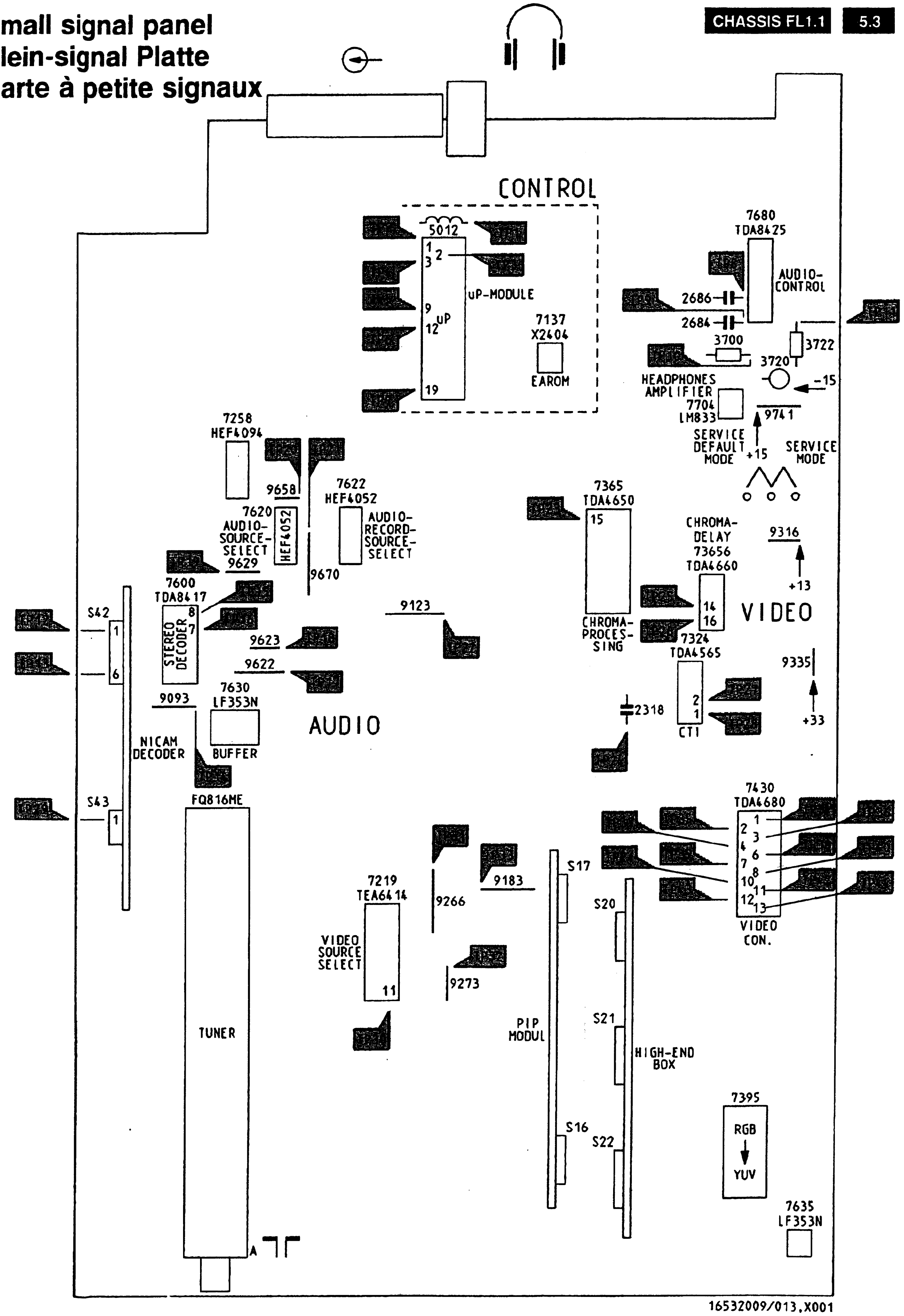

C P6.13
EXT2(VCR)
EXT1(AUX)
R-OUT
L-OUT
CVBS2 OUT
CVBS2
CVBS1
CVBS1-OUT
7219 TEA6414
3256
+8A
CVBS2 OUT
CVBS-PIP
CHROMA
S-VHS EXT2
LUM
S-VHS EXT3
S-VHS EXT2 OUT
ONLY FL1.1
CVBS EXT3
CVBS-TUNER
CVBS/Y
CVBS/CHROMA
9273
9183
9266
I²C
D P6.22
EXT1
B G R FBL
CVBS/Y TXT
2318
+12B
7365 TDA4650
7364 TDA4510
1160 TUNER-IF
3160
3166
+13 +5
VIDEO
TUNER
AUDIO
AM FM
IF
VTUN
13,14 I²C
75Ω
7120 7121
NOT FOR NICAM
2196 2197
7193 LF353
ONLY FOR NICAM
F P6.34
7600 TDA8417
3606
3602
DEMATR
9093
4106
4105
K P6.44
1600 NICAM
NICAM PROC.
1S42 2S42 4S42 5S42 6S42 7S42
7622 HEF4052
REXT1 REXT3 LEXT1 LEXT3
7635 LF353
EXT2
7620 HEF4052
REXT1 REXT2 REXT3 LEXT1 LEXT2 LEXT3
9629 9658 9123 9622 9670 9623
7630 LF353
+5A -8
CONST. LEVEL
2684 2686
7680 TDA8425
PSEUDO
H P6.32
1001 RC5 IR TRANSM.
1100 RC5 IR RECEIV
+5V STBY
5100
LOKAL KEYBOARD
S11
LED DISPLAY
S05
7115
1022
POR
12MHz
1115
µP-BOARD
SDA
SCL
I²C
7137 X2404
MEM
5115
S23 S24 S25
SERVICE
SERVICE DEFAULT
A P6.1
SK1
1200
6210-6213
220V~ 50Hz
SOPS
5230
6237
2238
3240
+141
VTUN
6231
+11
6233
-11
+5V STBY
7214
6235
9203
6370
PROT
3307
3306
7216
2216
9223
6139 1139
1140
10140
9140
uSOPS
+280
1250
5255
6260
9048
+V START
7270
9234
+5V STBY
7250
3555
3250
5255
POR
CS

5.1 5.2 CHASSIS FL 1.1 Diagramme schématique



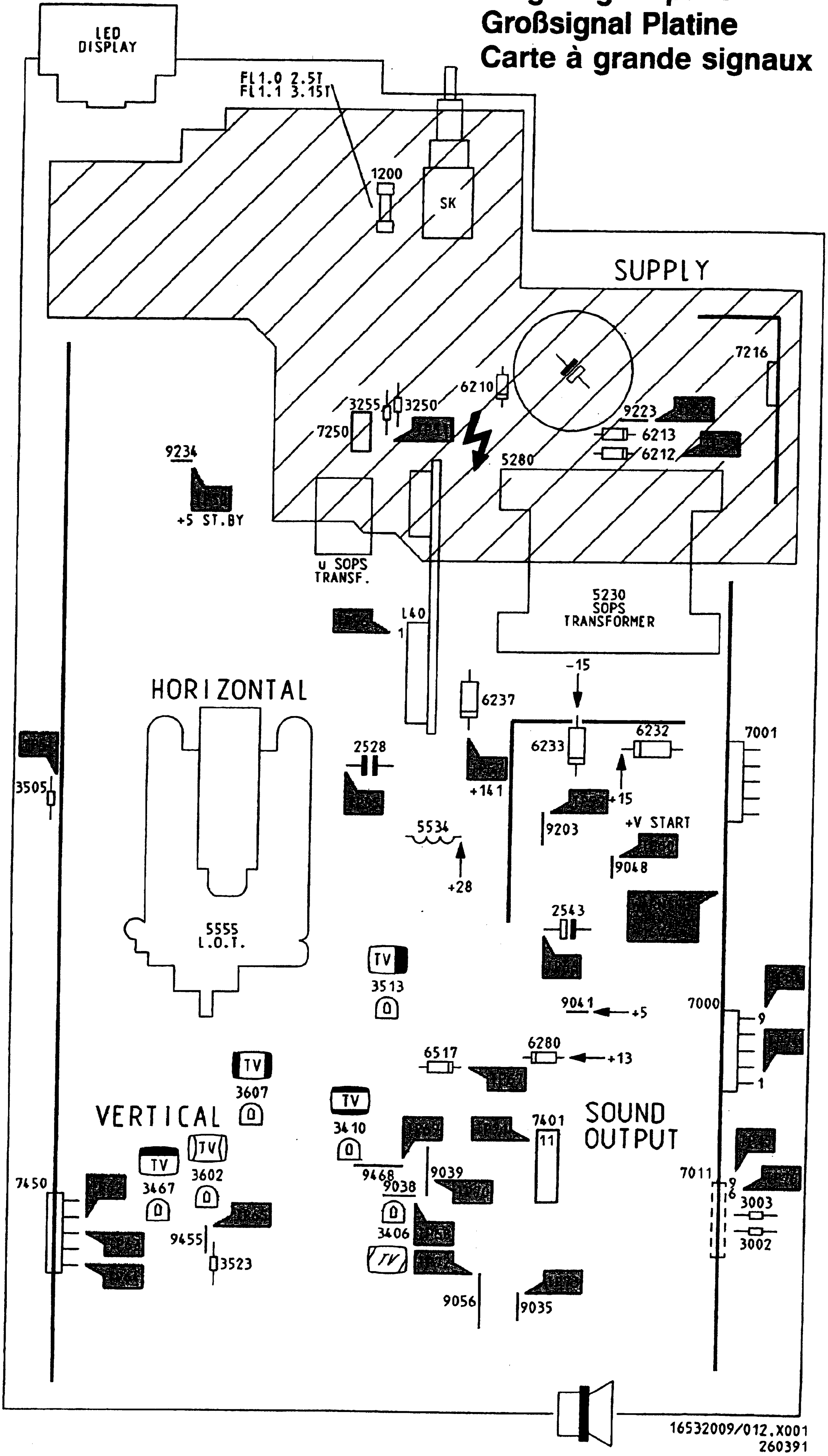
1023 PIP
P6.25
1750 HIGH-END BOX
P6.48
P6.52
7430 TDA4680
1030 PTP
P6.30
1599 CRT
7324 TDA4565
7365 TDA4650
7364 TDA4510
7366 TDA4660
CVBS/Y TXT
RGB
CS100 NIL RXD +13
CVBS/Y TXT SC50
VG2
FOCUS
EHT
FIL
BC INFO
7009 LM833N
7000 TDA1521Q
7001 TDA1521Q
7002 LM833N
7011 TDA1521Q
P6.42
SQUEE TER L
SQUEE TER R
WOOFER
SUR-ROUND R
SUR-ROUND L
ONLY FL1.1
7005
7006
SOUND PROT.
PROT
EXT2
7680 TDA8425
PSEUDO
ST. LEVEL
7704 LM833
3680
3706
3720
3722
3700
VTUN
POR
5V STBY
+V START
+5V STBY
P6.10
7450 TDA3654
V.DEFL.
7400 TDA2579
100Hz
31250Hz
7504 7506
H.DEFL.
E/W PROT
5555
AQUA
FIL.
L13
L03
S03
CS100
SC100 PIP/TAD4680
-VN

Small signal panel
Klein-signal Platte
Carte à petite signaux


CONTROL
5012
1
3
2
9
12
uP
19
uP-MODULE
7137
X2404
EAROM
7680
TDA8425
AUDIO-
CONTROL
2686
2684
3700
3720
3722
-15
HEADPHONES
AMPLIFIER
7704
LM833
9741
SERVICE
DEFAULT
MODE
+15
SERVICE
MODE
7258
HEF4094
9658
7620
AUDIO-
SOURCE-
SELECT
9629
HEF4052
7622
HEF4052
AUDIO-
RECORD-
SOURCE-
SELECT
9670
7600
TDA8417
8
7
STEREO
DECODER
S42
1
6
9623
9622
9093
7630
LF353N
BUFFER
NICAM
DECODER
AUDIO
9123
7365
TDA4650
15
CHROMA-
PROCES-
SING
CHROMA-
DELAY
73656
TDA4660
14
16
9316
+13
VIDEO
7324
TDA4565
2
1
CTI
2318
9335
+33
S43
1
FQ816ME
TUNER
A
7430
TDA4680
1
2
3
4
6
7
8
10
11
12
13
VIDEO
CON.
9183
S17
7219
TEA6414
9266
VIDEO
SOURCE
SELECT
11
9273
S20
PIP
MODUL
S21
HIGH-END
BOX
S16
S22
7395
RGB
YUV
7635
LF353N

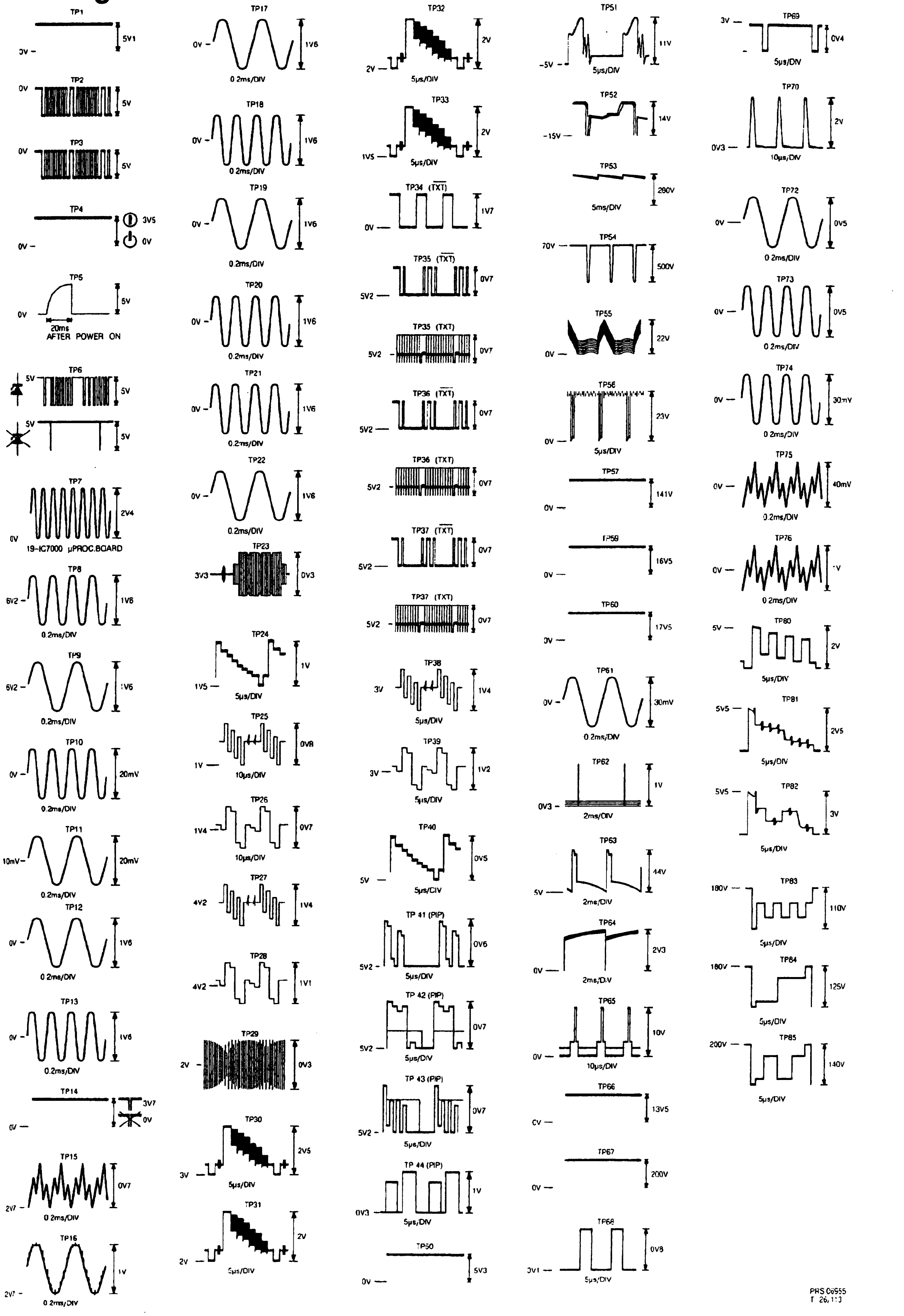
16532009/013.X001
120391

Large signal panel
Großsignal Platine
Carte à grande signaux


LED DISPLAY
FL1.0 2.5T
FL1.1 3.15T
1200
SK
SUPPLY
7216
6210
3255
3250
7250
9223
6213
6212
5280
9234
+5 ST.BY
u SOPS TRANSF.
5230 SOPS TRANSFORMER
L40
1
HORIZONTAL
6237
-15
6232
6233
7001
2528
+141
+15
3505
5534
9203
+V START
9048
+28
2543
5555 L.O.T.
TV
3513
9041
+5
7000
9
6517
6280
+13
1
TV
3607
TV
VERTICAL
3410
7401
11
SOUND OUTPUT
TV
TV
3602
9468
9039
7011
9
6
3003
7450
3467
9038
3002
9455
3406
3523
TV
9056
9035

16532009/012.X001
260391

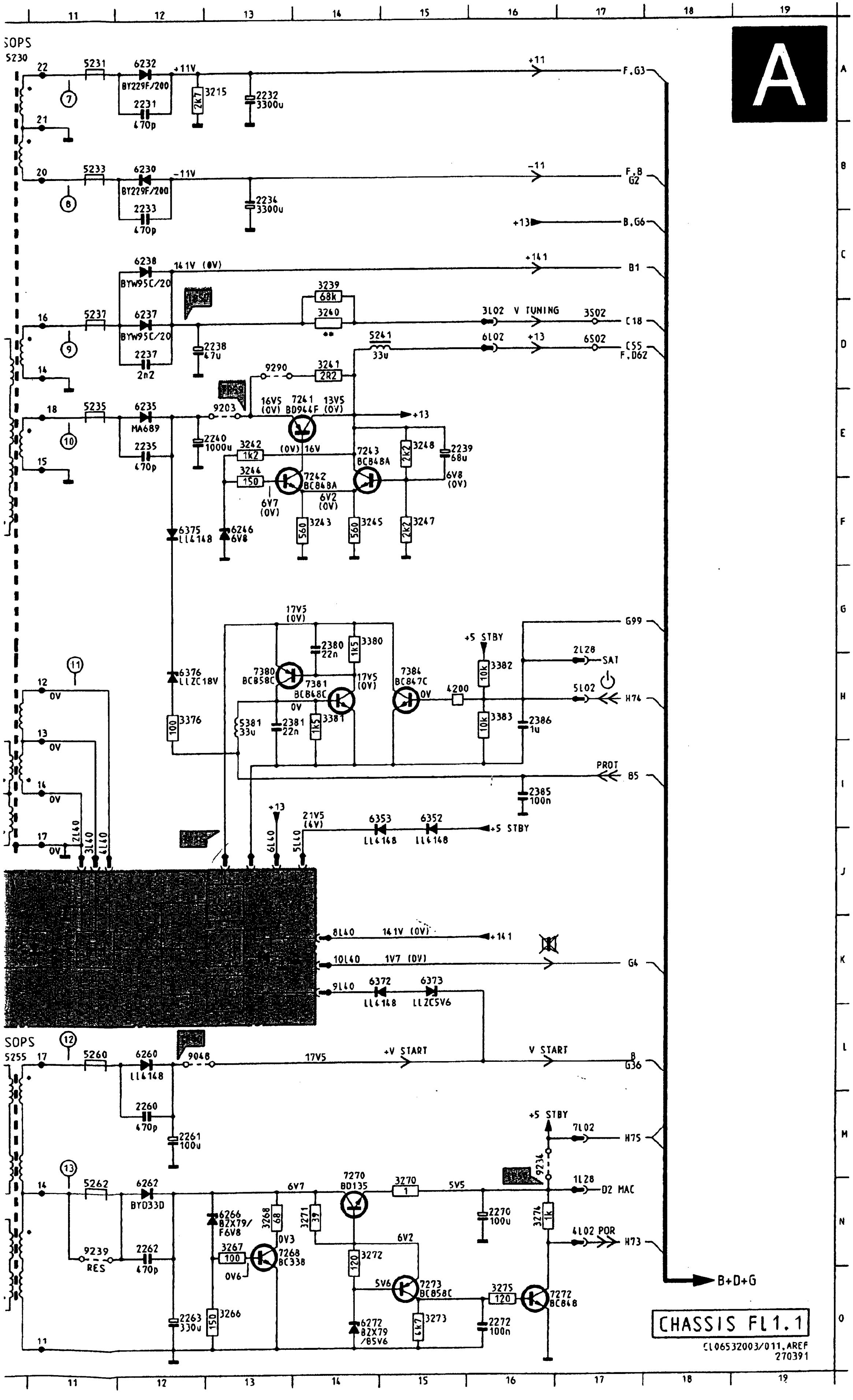
Oscillograms


TP1
0V
5V1
TP2
0V
5V
TP3
0V
5V
TP4
0V
3V5
0V
TP5
0V
5V
20ms
AFTER POWER ON
TP6
5V
5V
5V
5V
TP7
0V
2V4
19-IC7000 µPROC.BOARD
TP8
6V2
1V6
0.2ms/DIV
TP9
6V2
1V6
0.2ms/DIV
TP10
0V
20mV
0.2ms/DIV
TP11
10mV
20mV
0.2ms/DIV
TP12
0V
1V6
0.2ms/DIV
TP13
0V
1V6
0.2ms/DIV
TP14
0V
3V7
0V
TP15
2V7
0V7
0.2ms/DIV
TP16
2V7
1V
0.2ms/DIV
TP17
0V
1V6
0.2ms/DIV
TP18
0V
1V6
0.2ms/DIV
TP19
0V
1V6
0.2ms/DIV
TP20
0V
1V6
0.2ms/DIV
TP21
0V
1V6
0.2ms/DIV
TP22
0V
1V6
0.2ms/DIV
TP23
3V3
0V3
TP24
1V5
1V
5µs/DIV
TP25
1V
0V8
10µs/DIV
TP26
1V4
0V7
10µs/DIV
TP27
4V2
1V4
TP28
4V2
1V1
TP29
2V
0V3
TP30
3V
2V5
5µs/DIV
TP31
2V
2V
5µs/DIV
TP32
2V
2V
5µs/DIV
TP33
1V5
2V
5µs/DIV
TP34 (TXT)
0V
1V7
TP35 (TXT)
5V2
0V7
TP35 (TXT)
5V2
0V7
TP36 (TXT)
5V2
0V7
TP36 (TXT)
5V2
0V7
TP37 (TXT)
5V2
0V7
TP37 (TXT)
5V2
0V7
TP38
3V
1V4
5µs/DIV
TP39
3V
1V2
5µs/DIV
TP40
5V
0V5
5µs/DIV
TP 41 (PIP)
5V2
0V6
5µs/DIV
TP 42 (PIP)
5V2
0V7
5µs/DIV
TP 43 (PIP)
5V2
0V7
5µs/DIV
TP 44 (PIP)
0V3
1V
5µs/DIV
TP50
0V
5V3
TP51
-5V
11V
5µs/DIV
TP52
-15V
14V
TP53
280V
5ms/DIV
TP54
70V
500V
TP55
0V
22V
TP56
0V
23V
5µs/DIV
TP57
0V
141V
TP59
0V
16V5
TP60
0V
17V5
TP61
0V
30mV
0.2ms/DIV
TP62
0V3
1V
2ms/DIV
TP63
5V
44V
2ms/DIV
TP64
0V
2V3
2ms/DIV
TP65
0V
10V
10µs/DIV
TP66
0V
13V5
TP67
0V
200V
TP68
0V1
0V8
5µs/DIV
TP69
3V
0V4
5µs/DIV
TP70
0V3
2V
10µs/DIV
TP72
0V
0V5
0.2ms/DIV
TP73
0V
0V5
0.2ms/DIV
TP74
0V
30mV
0.2ms/DIV
TP75
0V
40mV
0.2ms/DIV
TP76
0V
1V
0.2ms/DIV
TP80
5V
2V
5µs/DIV
TP81
5V5
2V5
5µs/DIV
TP82
5V5
3V
5µs/DIV
TP83
180V
110V
5µs/DIV
TP84
180V
125V
5µs/DIV
TP85
200V
140V
5µs/DIV

PRS C6955
T 26,113

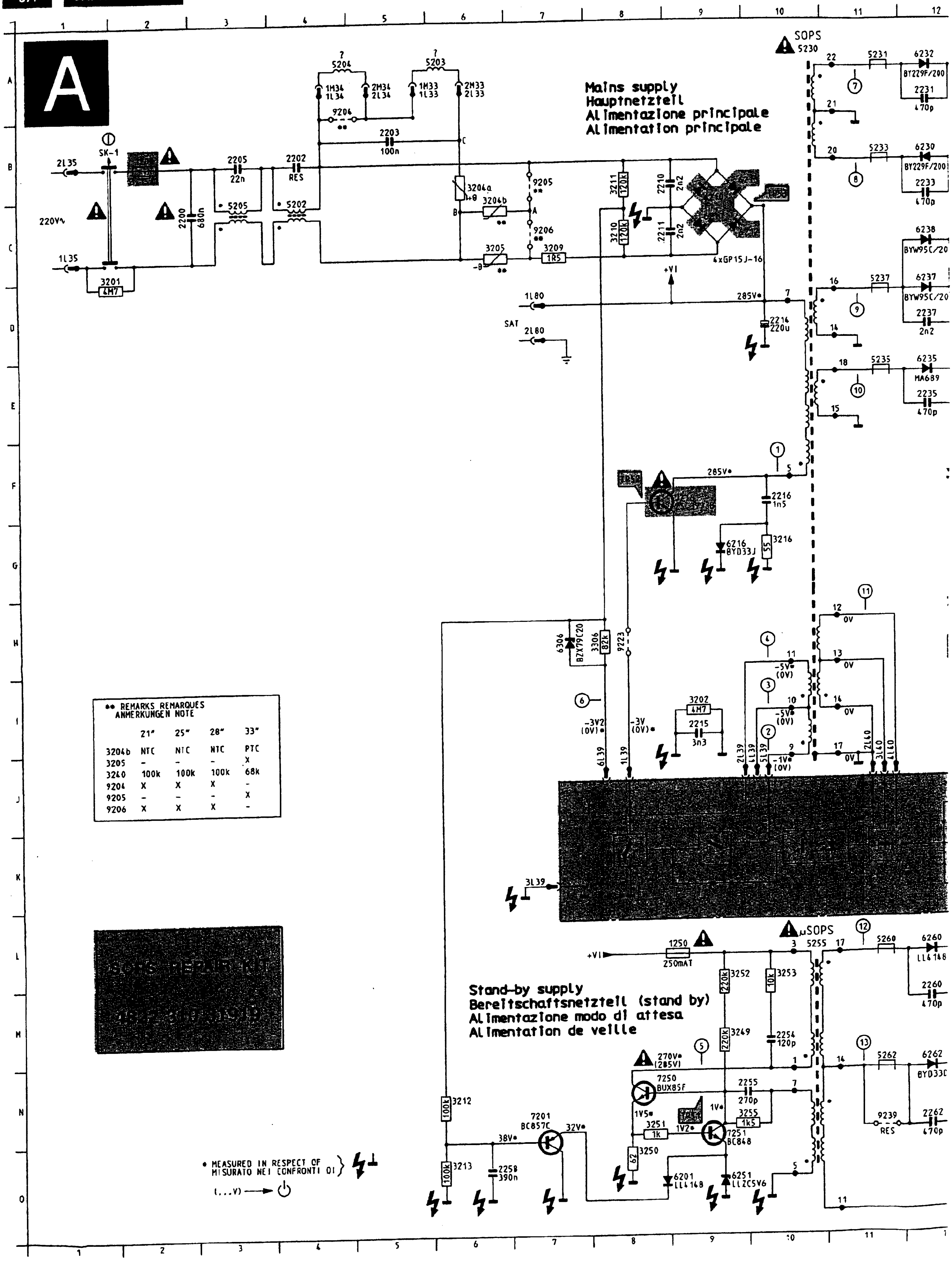
Power supply

Stromversorgung


A
11
12
13
14
15
16
17
18
19
SOPS
5230
22
5231
6232
+11V
BY229F/200
2231
470p
3215
2k7
2232
3300u
7
21
20
5233
6230
-11V
BY229F/200
2233
470p
2234
3300u
6
+11
F,G3
-11
F,B
G2
+13
B,G6
6238
141V (0V)
BYW95C/20
+141
B1
3239
68k
3240
**
16
5237
6237
BYW95C/20
2238
47u
2237
2n2
9
14
3L02
V TUNING
3S02
C18
6L02
+13
6S02
C55
F,D62
5241
33u
9290
3241
2R2
18
5235
6235
MA689
9203
16V5 (0V)
7241 BD944F
13V5 (0V)
+13
10
2240
1000u
2235
470p
15
3242
1k2
(0V) 16V
7243 BC848A
3248
2k2
2239
68u
6V8 (0V)
3244
150
7242 BC848A
6V7 (0V)
6V2 (0V)
6375 LL4148
6246 6V8
560
3243
560
3245
2k2
3247
17V5 (0V)
2380 22n
3380
1k5
7380 BC858C
7381 BC848C
17V5 (0V)
0V
7384 BC847C
0V
+5 STBY
10k
3382
4200
10k
3383
2386 1u
G99
2L28
SAT
5L02
H74
6376 LLZC18V
11
12
0V
3376
100
5381 33u
2381 22n
1k5
3381
PROT
B5
2385 100n
13
0V
14
0V
17
0V
2L40
3L40
4L40
+13
6L40
21V5 (4V)
5L40
6353 LL4148
6352 LL4148
+5 STBY
8L40
141V (0V)
+141
10L40
1V7 (0V)
G4
9L40
6372 LL4148
6373 LLZC5V6
SOPS
5255
12
17
5260
6260
LL4148
9048
17V5
+V START
V START
B
G36
2260
470p
2261
100u
+5 STBY
7L02
H75
13
14
5262
6262
BYD33D
6V7
7270 BD135
3270
1
5V5
1L28
D2 MAC
9234
6266 BZX79/F6V8
3268
68
3271
39
2270 100u
3274
1k
4L02 POR
H73
0V3
9239 RES
2262
470p
3267
100
7268 BC338
6V2
0V6
3272
120
5V6
7273 BC858C
3275
120
7272 BC848
B+D+G
2263 330u
3266
150
6272 BZX79 /B5V6
3273
4k7
2272 100n
CHASSIS FL1.1
CL06532003/011.AREF 270391
11
11
12
13
14
15
16
17
18
19
A
B
C
D
E
F
G
H
I
J
K
L
M
N
O

1200	B 2	7216	F 9
1250	L 9	7241	E14
2200	C 2	7242	E14
2202	B 4	7243	E14
2203	B 5	7250	N 8
2205	B 3	7251	N 9
2210	B 9	7268	N13
2211	C 9	7270	M14
2214	O10	7272	O16
2215	I 9	7273	O15
2216	F10	7380	H13
2231	A12	7381	H14
2232	A13	7384	H15
2233	B12	9048	L12
2234	B13	9203	E13
2235	E12	9204	A 4
2237	D12	9205	B 7
2238	D12	9206	C 7
2239	E15	9223	H 8
2240	E12	9234	M16
2254	M10	9239	N11
2255	N 9	9290	D13
2258	O 6		
2260	M12		
2261	M12		
2262	N12		
2263	O12		
2270	N16		
2272	O16		
2380	G14		
2381	H13		
2385	I 16		
2386	H16		
3201	C 1		
3202	I 9		
3204	C 6		
3204	B 6		
3205	C 6		
3209	C 7		
3210	C 8		
3211	B 8		
3212	N 6		
3213	D 6		
3215	A13		
3216	G10		
3239	C14		
3240	D14		
3241	D14		
3242	E13		
3243	F14		
3244	E13		
3245	F14		
3247	F15		
3248	E15		
3249	M 9		
3250	O 8		
3251	N 8		
3252	L 9		
3253	L10		
3255	N 9		
3266	O13		
3267	N13		
3268	N13		
3270	N15		
3271	N14		
3272	N14		
3273	O15		
3274	N16		
3275	O16		
3306	H 8		
3376	H12		
3380	G14		
3381	H14		
3382	H16		
3383	H16		
4L02	N17		
4200	H15		
5202	C 4		
5203	A 6		
5204	A 4		
5205	C 3		
5230	A10		
5231	A11		
5233	B11		
5235	E11		
5237	D11		
5241	D14		
5255	L10		
5260	L11		
5262	N11		
5381	H13		
6201	O 9		
6210	C 9		
6211	C 9		
6212	C 9		
6213	B 9		
6216	G 9		
6230	B12		
6232	A12		
6235	E12		
6237	D12		
6238	C12		
6246	F13		
6251	O 9		
6260	L12		
6262	N12		
6266	N13		
6272	O14		
6306	H 7		
6352	I 15		
6353	I 14		
6372	K14		
6373	K15		
6375	F12		
6376	H12		
7201	N 7		

Powe

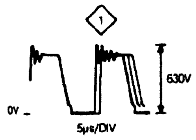

A
Mains supply
Hauptnetzteil
Alimentazione principale
Alimentation principale
Stand-by supply
Bereitschaftsnetzteil (stand by)
Alimentazione modo di attesa
Alimentation de veille
SOPS
5230
µSOPS
5255
220V~
SK-1
2L35
1L35
3201
4M7
2200
680n
2205
22n
2202
RES
5205
5202
2203
100n
5204
5203
9204
9205
9206
3204a
3204b
3205
3209
1R5
3211
120k
3210
120k
2210
2n2
2211
2n2
4xGP15J-16
+VI
1L80
2L80
SAT
285V•
2214
220u
2216
1n5
6216
BYD33J
3216
5S
6306
BZX79C20
3306
82k
9223
-3V2 (0V)•
-3V (0V)•
3202
4M7
2215
3n3
6L39
1L39
2L39
5L39
3L39
2L40
3L40
4L40
-5V• (0V)
-1V• (0V)
0V
5231
6232
BY229F/200
2231
470p
5233
6230
BY229F/200
2233
470p
6238
BYW95C/20
5237
6237
BYW95C/20
2237
2n2
5235
6235
MA689
2235
470p
1250
250mAT
+VI
3252
220k
3253
10k
3249
220k
2254
120p
270V• (285V)
7250
BUX85F
2255
270p
3255
1k5
1V5•
1V•
3251
1k
1V2•
7251
BC848
3250
62
6201
LL4148
6251
LLZC5V6
7201
BC857C
32V•
38V•
3212
100k
3213
100k
2258
390n
5260
6260
LL4148
2260
470p
5262
6262
BYD33D
9239
RES
2262
470p
• MEASURED IN RESPECT OF
MISURATO NEI CONFRONTI DI
(...V)

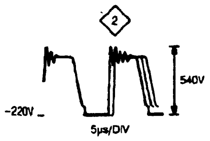
** REMARKS REMARQUES
ANMERKUNGEN NOTE

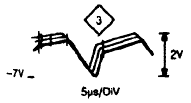
	21"	25"	28"	33"
3204b	NTC	NTC	NTC	PTC
3205	-	-	-	X
3240	100k	100k	100k	68k
9204	X	X	X	-
9205	-	-	-	X
9206	X	X	X	-

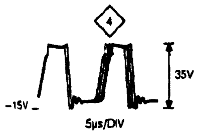
SOPS REPAIR KIT
[illegible]

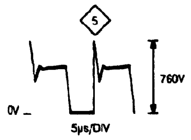
L'alimentation

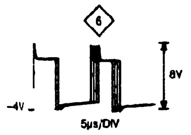


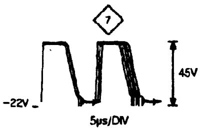


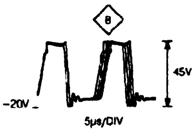


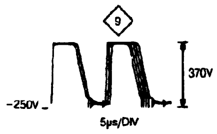


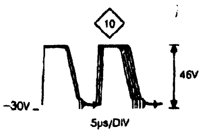


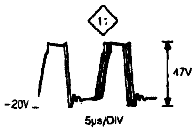


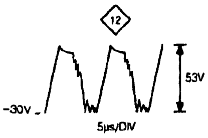


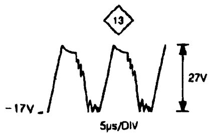


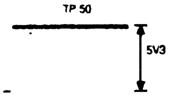


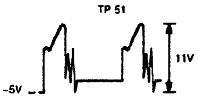


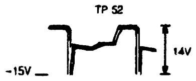


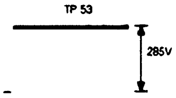


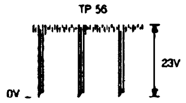


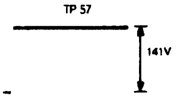


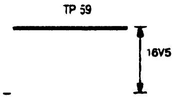


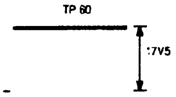






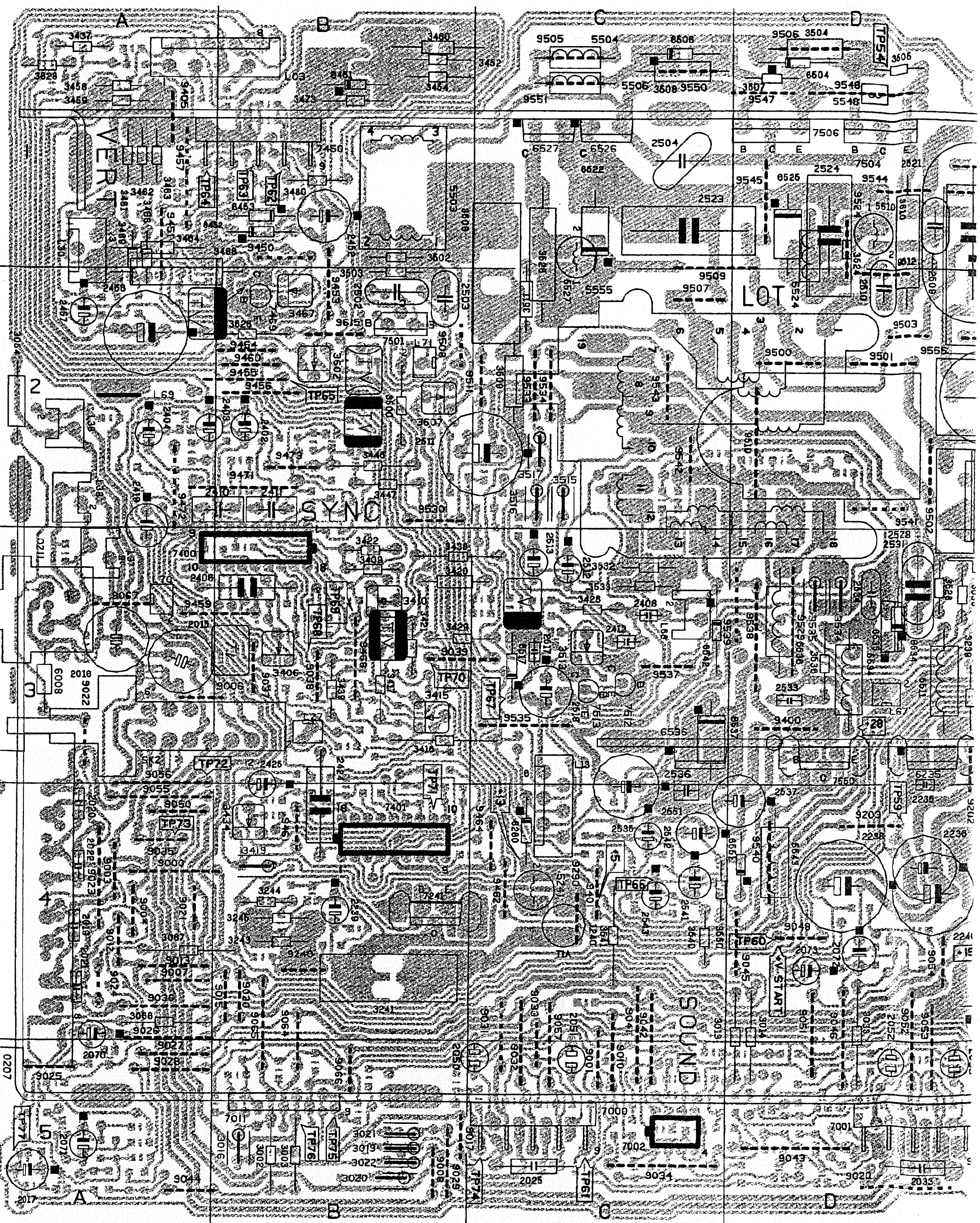






PRS 06958
T-26/113

Large signal panel Groß-signal Platine


A
B
C
D
1
2
3
4
5
VERT
SYNC
LOT
SOUND
V-START
3437
3480
9505
5504
6506
9506
3504
TP54
3506
3528
3458
3459
L03
3452
3454
3473
9405
9551
5506
3508
9550
3507
9547
9548
5548
7506
7450
6527
6526
6522
2504
2524
7504
2521
9545
6525
9544
2523
TP64
TP63
TP62
3480
3462
3463
3460
3450
3488
3602
5503
3609
5555
9509
9507
5524
3626
3467
3615
7501
2503
9503
9500
9501
9555
9460
9455
9456
TP65
3607
2511
3600
3517
3515
9530
3447
2410
2411
9541
9502
2528
2531
7400
3422
3409
3438
3420
2513
3532
3533
3428
2408
2406
9459
TP68
TP69
3410
3421
3429
2412
9039
TP70
TP67
3406
9535
9537
2533
9400
6536
6537
2536
2537
7550
TP59
2235
9202
2236
2238
9203
2551
TP72
2425
9056
9055
9050
TP73
7401
TP71
9035
9000
3419
2241
3244
3246
3243
3240
3241
TP66
TP60
9045
2073
9049
9007
9013
9030
3088
9025
9027
9028
2070
9025
0207
TP77
2017
2071
9044
7011
3021
3019
3022
3020
TP76
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TP74
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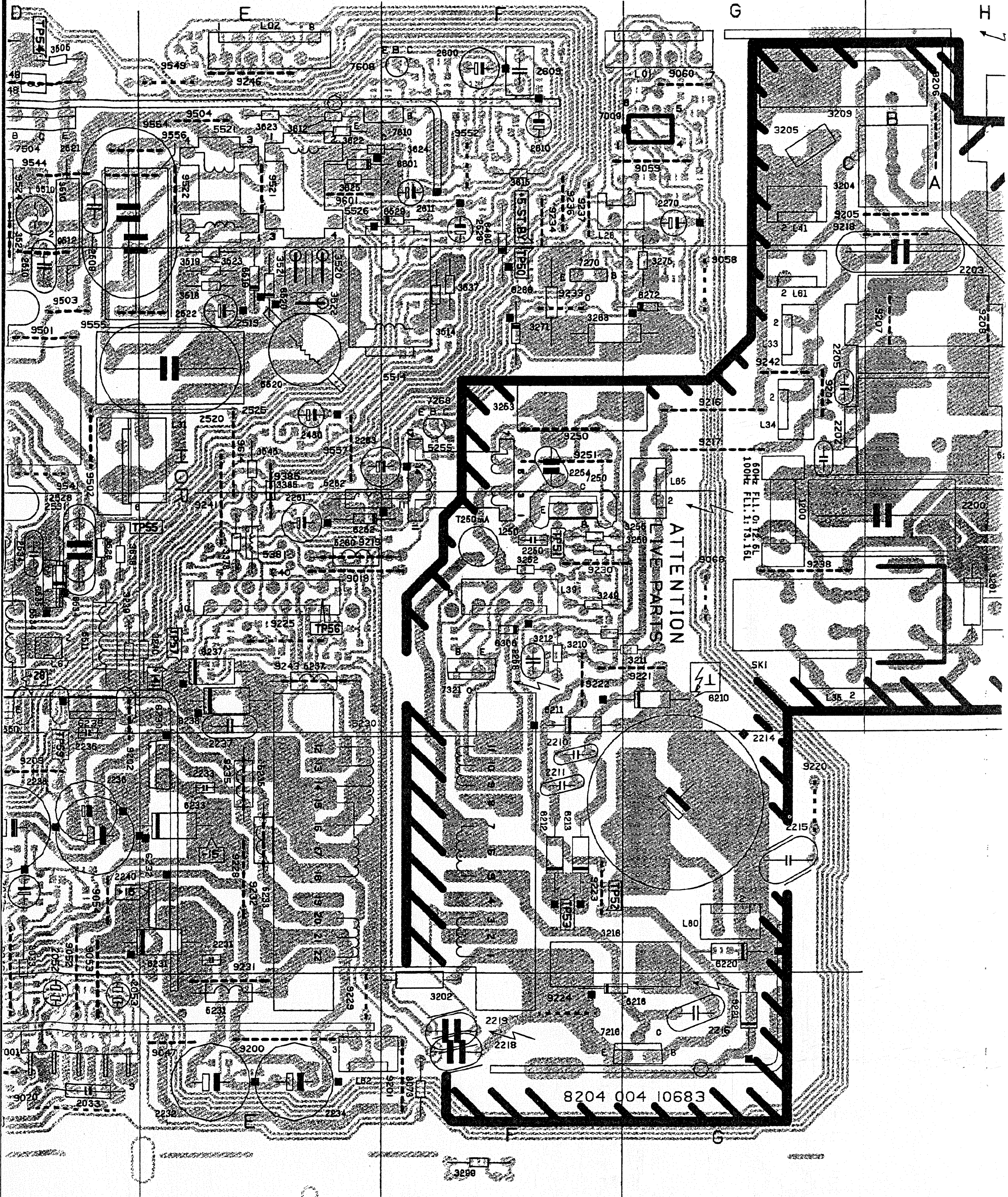
7002
9034
TP61
7001
9043
9020
2033

Platine forts signeaux


D
E
F
G
H
TP54
3506
9549
9246
L02
7608
2600
2609
L01
9060
7009
9059
9206
3209
3205
B
C
A
3204
9205
9218
7504
9544
9504
9554
9556
5521
3623
3612
3622
7610
9552
3624
6601
2610
3625
9601
5526
2611
5ST.BY
TP50
2270
L28
7270
3275
9058
L41
L61
2203
9503
9501
9555
3519
3523
3518
2522
2519
3622
3637
3614
6268
9233
3268
3271
6272
9207
9208
L33
9242
2205
5520
5514
9216
L34
2202
9217
2520
2525
2450
7268
3253
9250
9251
2254
3250
L65
9557
5255
HOR
9241
5262
2261
3385
9385
9541
9502
2528
T250mA
1250
2250
3252
3256
3258
ATTENTION LIVE PARTS
60Hz FL1.0:T2.6L
100Hz FL1.1:T3.16L
3200
2200
9238
TP55
5260
9219
9019
9230
L39
3249
9068
TP56
9225
TP57
5237
9243
3212
3210
6306
3211
9221
9222
6210
7321
SKI
L35
9211
2214
5230
2237
2236
2210
2211
9220
2215
6212
6213
TP53
TP52
9223
3218
L80
6220
9231
3202
9224
6216
2219
2218
7216
2216
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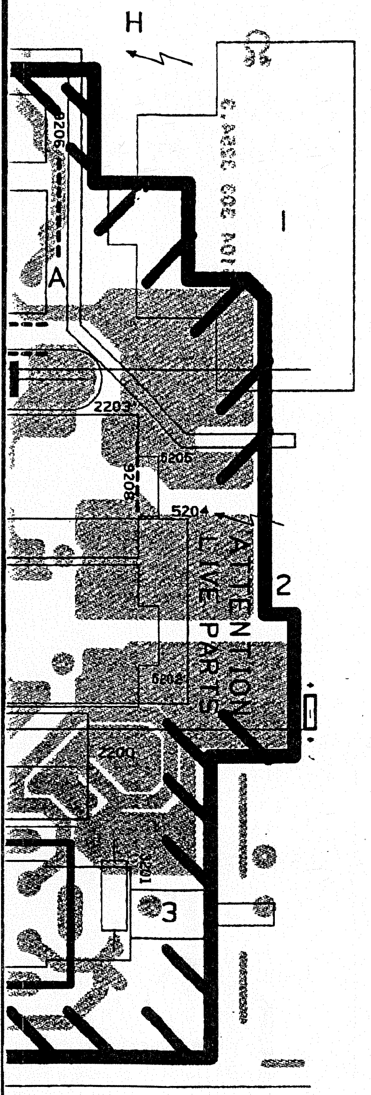
9047
9200
L82
9201
6073
9020
2033
2232
2234
8204 004 10683
3298



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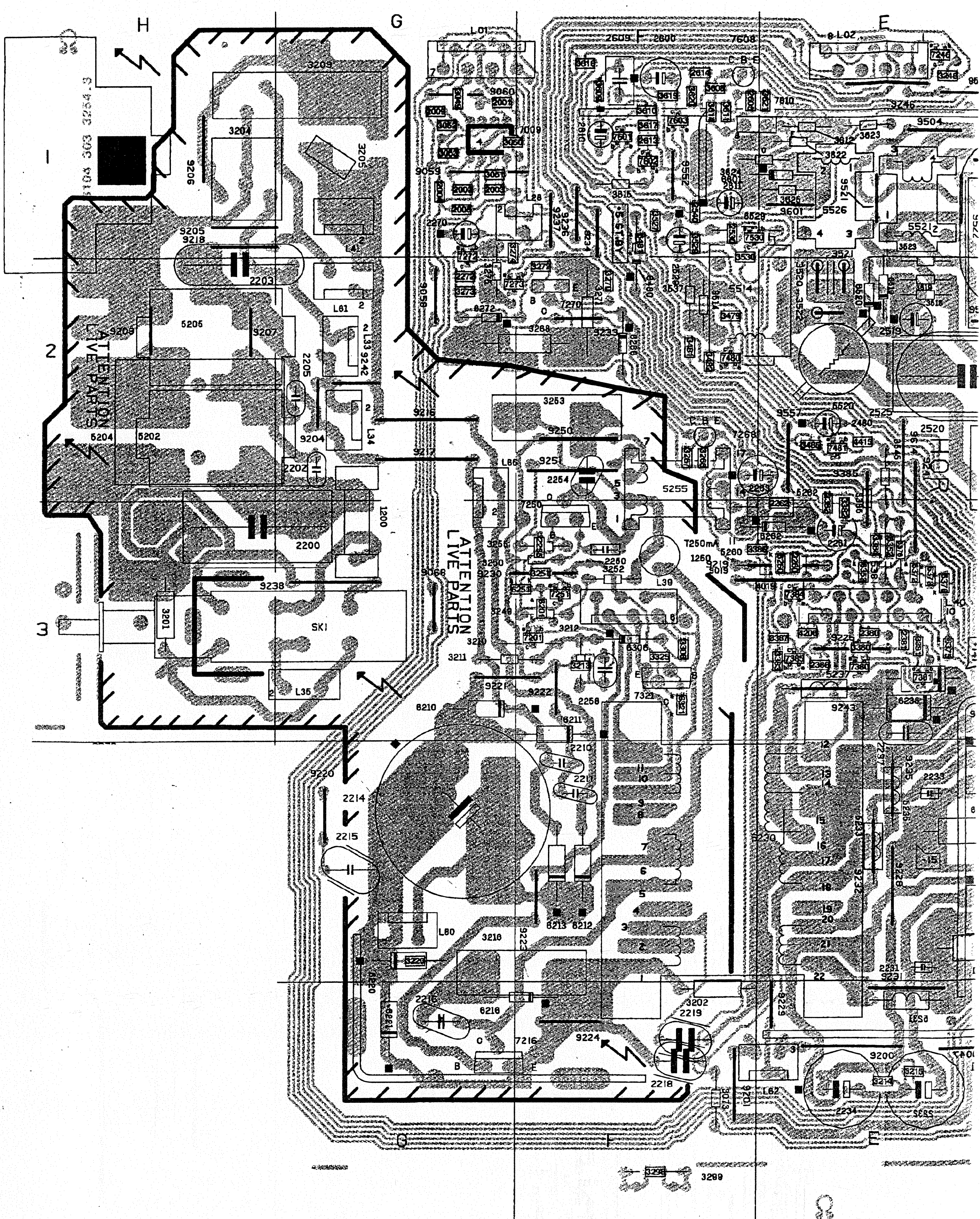
Large signal panel Groß-s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L62
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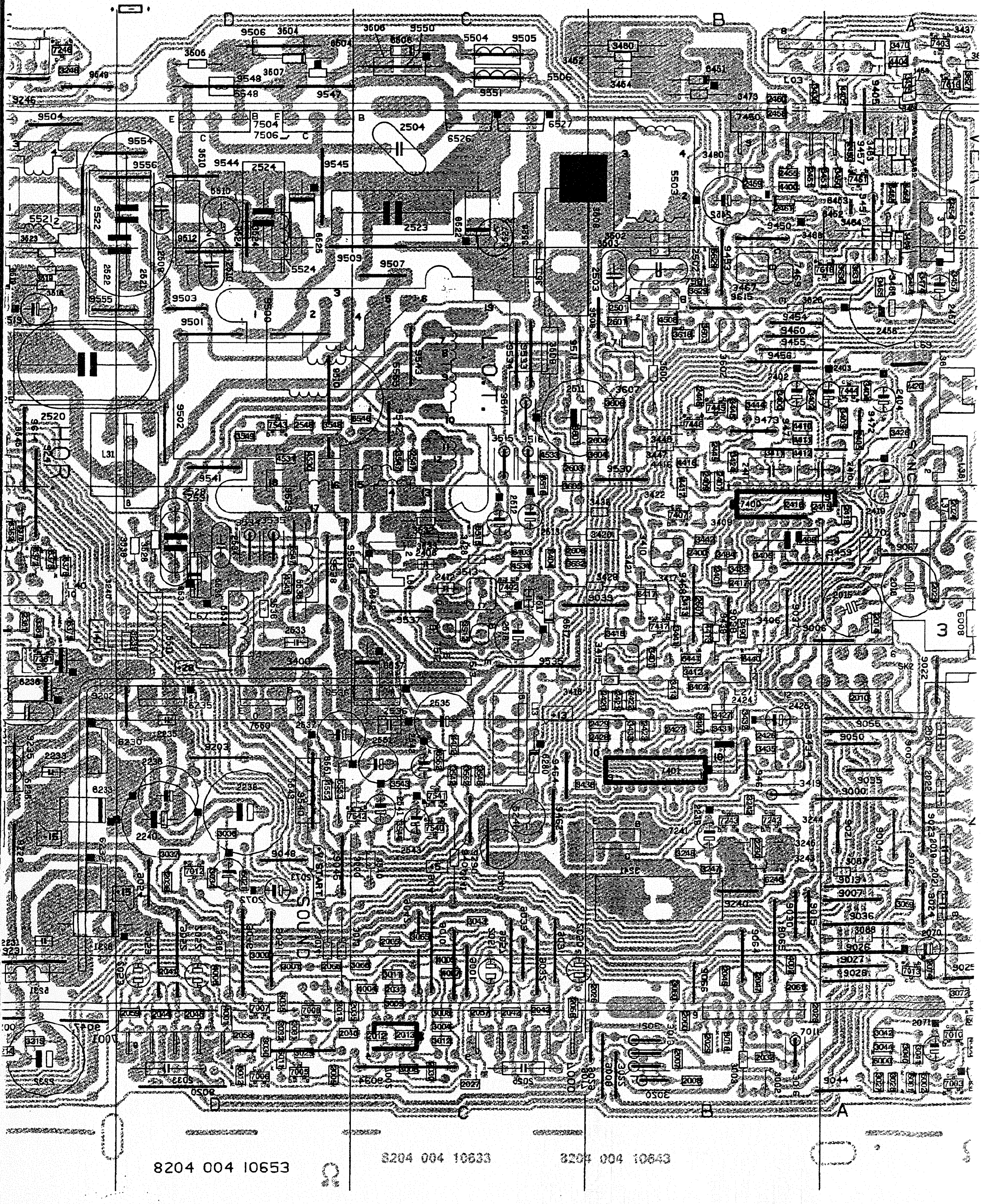
Groß-signal Platine Platine forts signeaux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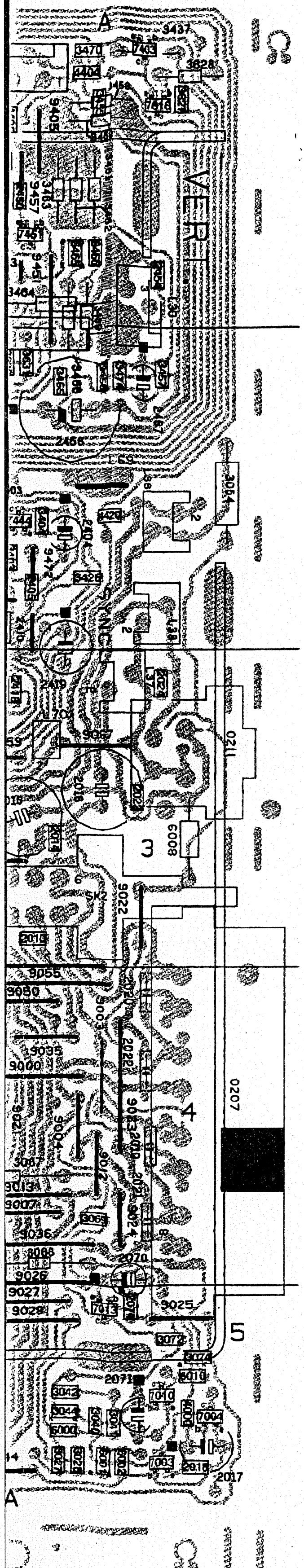

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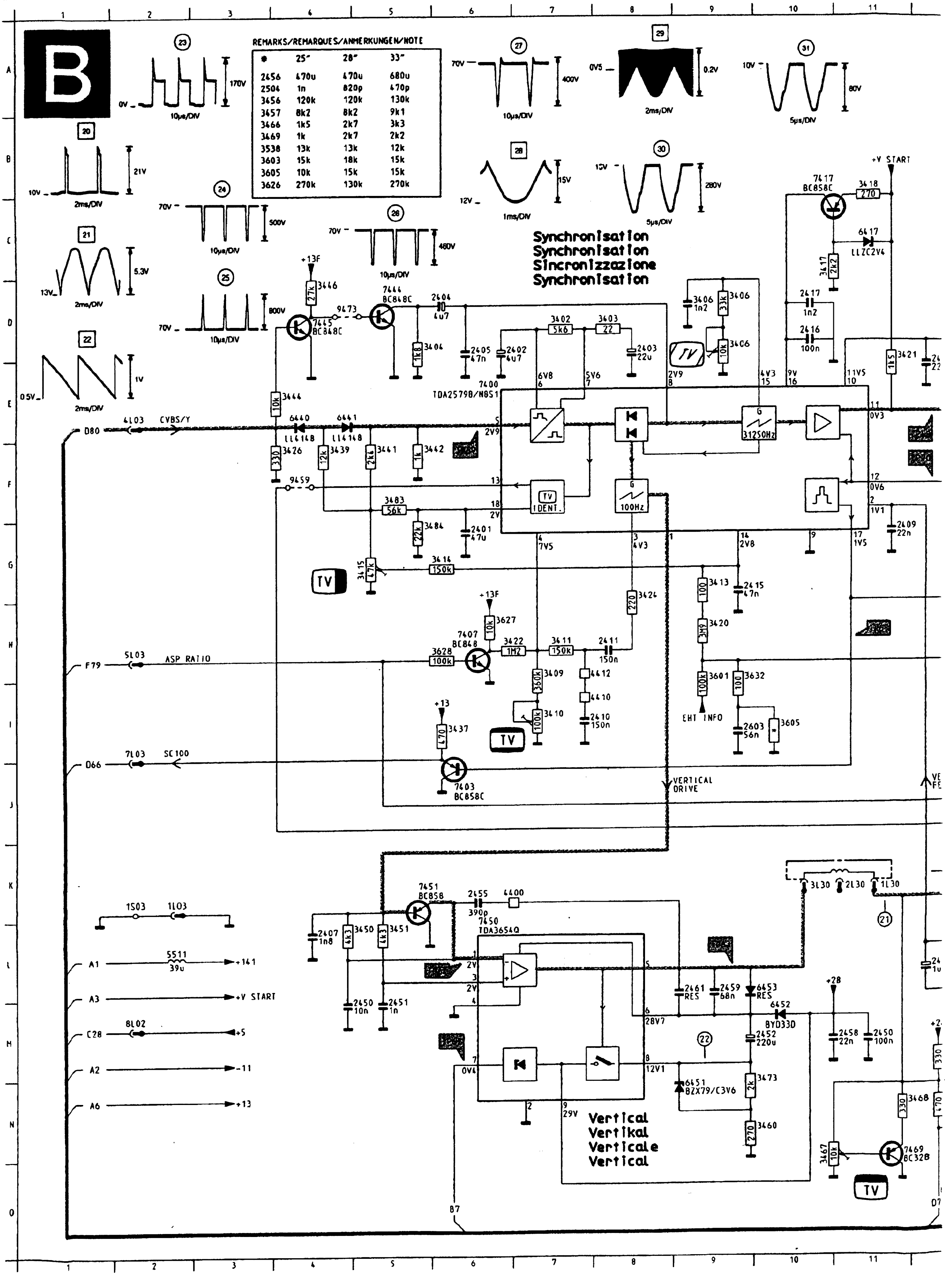
6529	F1
6534	D3
6535	D3
6536	C3
6537	C3
6542	C3
6546	C2
6547	D3
6551	D4
6552	C4
6553	D4
6601	E1
6629	B2
7000	C5
7001	D5
7002	C5
7003	A5
7004	A5
7005	D5
7006	D5
7007	D5
7008	D5
7009	G1
7010	A5
7011	B5
7012	D4
7013	A5
7201	F3
7216	G5
7241	B4
7242	B4
7243	B4
7246	E1
7250	F3
7251	F3
7268	F2
7270	F2
7272	G1
7273	G2
7305	H5
7311	H5
7312	H5
7318	H5
7320	H4
7321	F3
7360	H4
7369	H4
7370	H4
7371	H4
7380	E3
7381	E3
7384	E3
7385	E3
7400	B3
7401	B4
7402	C3
7403	A1
7407	B3
7417	B3
7444	A2
7445	B2
7446	B2
7450	A1
7451	A1
7469	B2
7480	F2
7481	E2
7501	B2
7504	D1
7506	D1
7512	C3
7513	C3
7530	F1
7540	C4
7541	C4
7542	C4
7543	D2
7550	D3
7601	F1
7602	F1
7603	F1
7608	F1
7610	E1
7616	A1
7618	A2
9000	A4
9001	C5
9003	A4
9004	A4
9006	A3
9007	A4
9008	B5
9010	C5
9012	A4
9013	A4
9015	B4
9017	B5
9019	E3
9020	D5
9021	A4
9022	A3
9023	A4
9024	A4
9025	A5
9026	A4
9027	A5
9028	A5
9029	B5
9030	B4
9031	C4
9032	C5
9033	C5
9034	C5
9035	A4
9036	A4
9037	B3
9038	B3
9039	B3
9041	C4
9042	C4
9043	D5
9044	A5
9045	D4
9046	D4
9047	E5
9048	D4
9050	A4
9051	D4
9052	D4
9053	D5
9054	D4
9055	A4
9056	A3
9057	C5
9058	G2
9059	G1
9060	G1
9064	B5
9065	B4
9066	B5
9067	A3
9068	G3
9200	E5
9201	F5
9202	D3
9203	D4
9204	G2
9205	H1
9206	H1
9207	H2
9208	H2
9216	G2
9217	G2
9218	H1
9219	E3
9220	G4
9221	G3
9222	F3
9223	F4
9224	F5
9225	E3
9228	E4
9229	E5
9230	F3
9231	E5
9232	E4
9233	F2
9234	F1
9235	E4
9236	F1
9237	F1
9238	G3
9240	B4
9241	E3
9242	G2
9243	E3
9246	E1
9250	F2
9251	F2
9290	C4
9300	H5
9302	H4
9385	E2
9400	D3
9401	C4
9405	A1
9450	B1
9451	A1
9453	B2
9454	B2
9455	B2
9456	B2
9457	A1
9459	B3
9460	B2
9461	B4
9462	C4
9464	C4
9468	B3
9471	B2
9472	A2
9473	B2
9500	D2
9501	D2
9502	D2
9503	D2
9504	E1
9505	C1
9506	D1
9507	C2
9508	B2
9509	C1
9510	D2
9511	C2
9512	D2
9521	E1
9522	E1
9524	D1
9529	D3
9530	B2
9533	C2
9534	C2
9535	C3
9537	C3
9538	D3
9539	D3
9540	D4
9541	D2
9542	C2
9543	C2
9544	D1
9545	D1
9547	D1
9548	D1
9549	E1
9550	C1
9551	C1
9552	F1
9554	D1
9555	E2
9556	D1
9557	E2
9601	E1
9614	E2
9615	B2

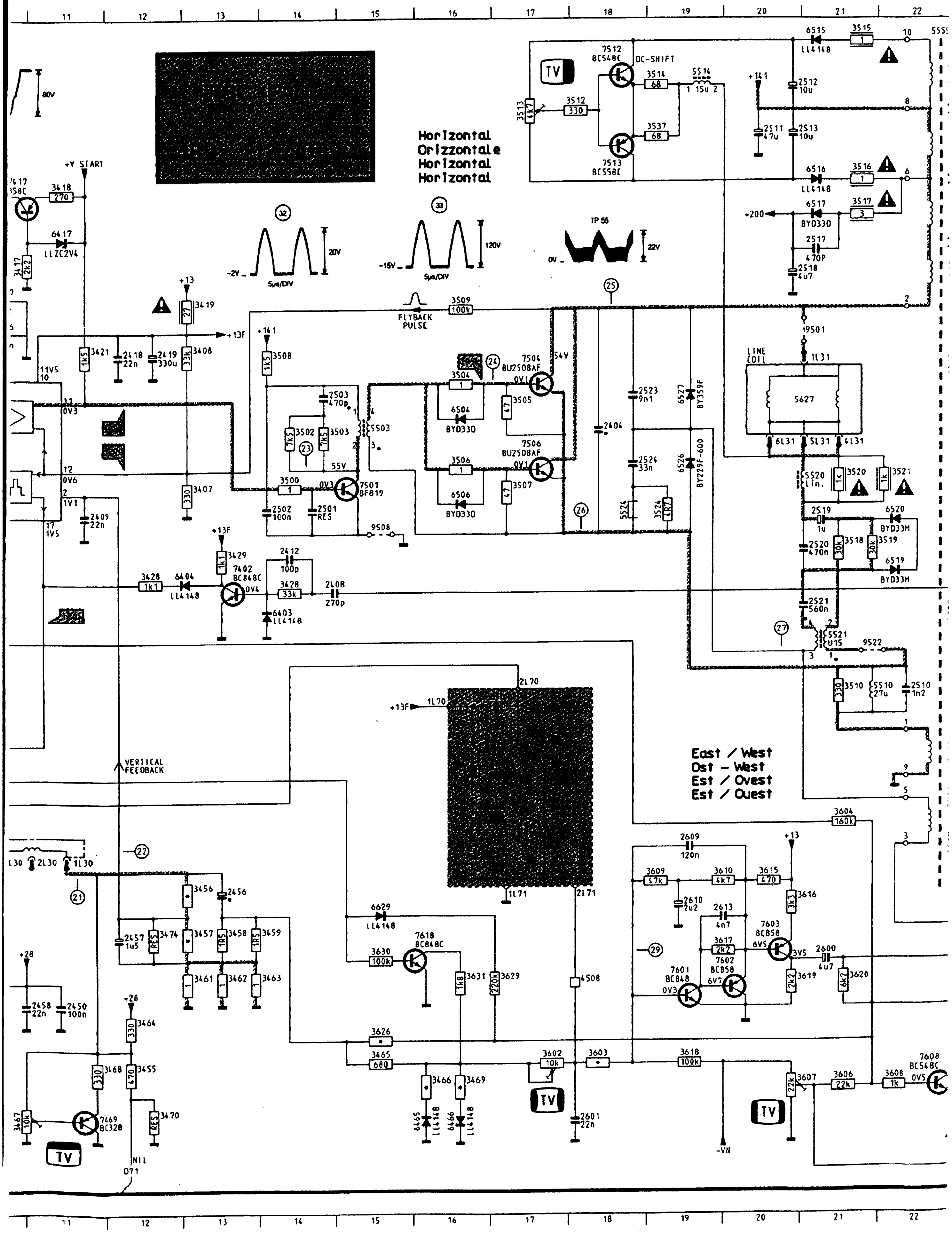
Synchronization Synchronisierung

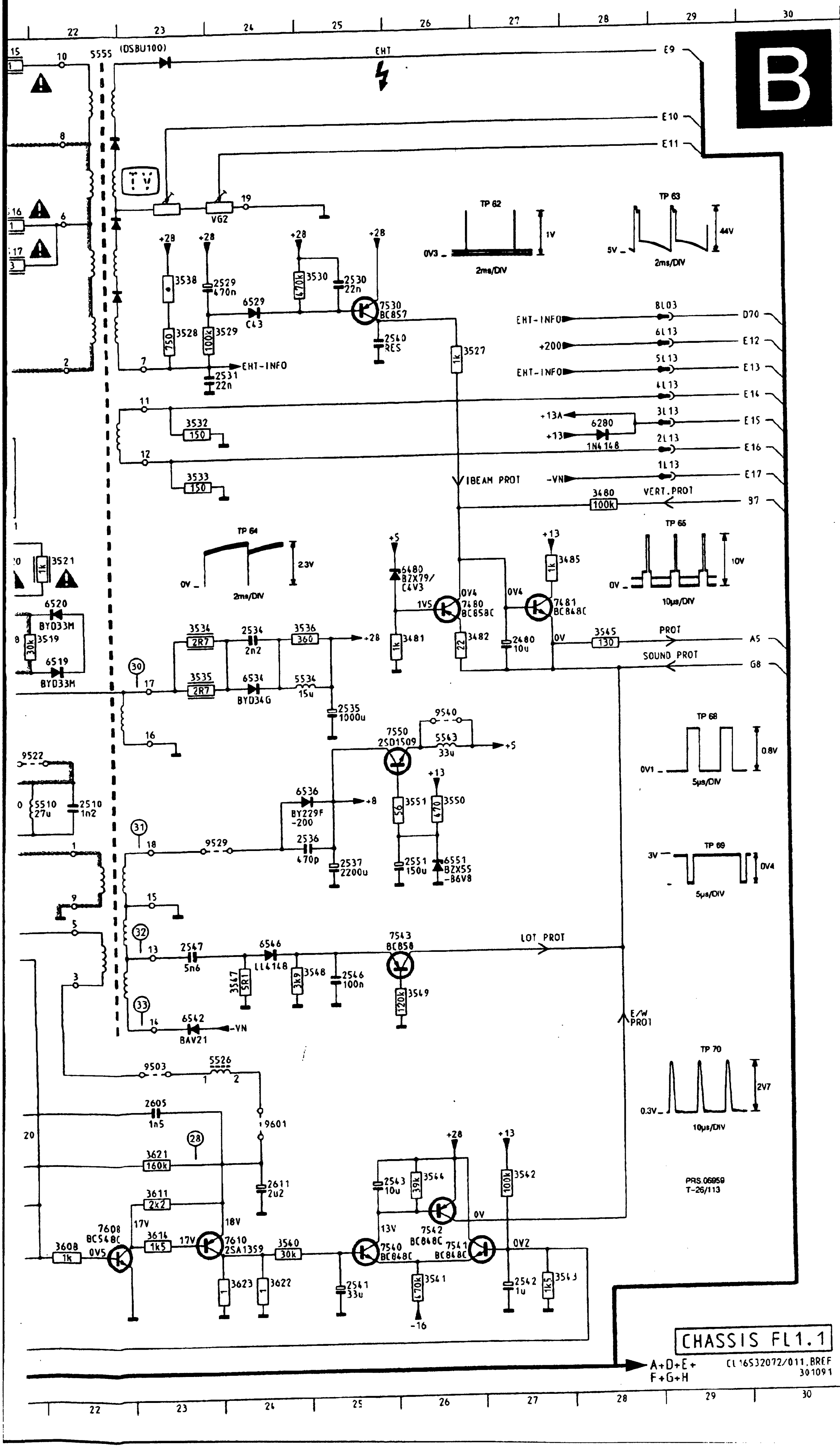

B
23
170V
0V
10µs/DIV
20
21V
10V
2ms/DIV
21
5.3V
13V
2ms/DIV
22
1V
0.5V
2ms/DIV
24
70V
500V
10µs/DIV
25
70V
800V
10µs/DIV
26
70V
460V
10µs/DIV
27
70V
400V
10µs/DIV
28
12V
15V
1ms/DIV
29
0V5
0.2V
2ms/DIV
30
15V
280V
5µs/DIV
31
10V
80V
5µs/DIV
Synchronisation
Synchronisation
Sincronizzazione
Synchronisation
+V START
7417 BC858C
3418 270
6417 LLZC2V4
3417 2k2
2417 1n2
2416 100n
3421 1k5
+13F
3446 27k
9473
7444 BC848C
7445 BC848C
2404 4u7
3404 1k8
2405 47n
2402 4u7
3402 5k6
3403 22
2403 22u
3406 1n2
3406 33k
3406 10k
TV
7400 TDA2579B/N8S1
6V8
5V6
2V9
4V3
9V
11V5
0V3
0V6
1V1
2V9
2V
7V5
4V3
2V8
1V5
31250Hz
100Hz
TV IDENT.
3444 10k
4L03 CVBS/Y
D80
6440 LL4148
6441 LL4148
3426 330
3439 12k
3441 2k4
3442 1k
9459
3483 56k
3484 22k
2401 47u
3415 47k
3414 150k
2409 22n
3413 100
2415 47n
3420 3M9
3601 100k
3632 100
EHT INFO
2603 56n
3605 *
+13F
3627 10k
7407 BC848
3628 100k
3422 1M2
3411 150k
2411 150n
3424 270
3409 360k
4412
4410
2410 150n
3410 100k
F79 5L03 ASP RATIO
+13
3437 470
D66 7L03 SC100
7403 BC858C
VERTICAL DRIVE
1S03 1L03
A1 5511 39u +141
A3 +V START
C28 8L02 +5
A2 -11
A6 +13
7451 BC858
2455 390p
4400
7450 TDA3654Q
2407 1n8
3450 4k3
3451 4k3
2450 10n
2451 1n
2V
2V
28V7
12V1
0V4
29V
2461 RES
2459 68n
6453 RES
6452 BYD33D
+28
2458 22n
2450 100n
2452 220u
6451 BZX79/C3V6
3473 2k
3460 270
3L30 2L30 1L30
3468 330
3467 10k
7469 BC328
330
470
Vertical
Vertikal
Verticale
Vertical
87
D7

REMARKS/REMARQUES/ANMERKUNGEN/NOTE

*	25"	28"	33"
2456	470u	470u	680u
2504	1n	820p	470p
3456	120k	120k	130k
3457	8k2	8k2	9k1
3466	1k5	2k7	3k3
3469	1k	2k7	2k2
3538	13k	13k	12k
3603	15k	18k	15k
3605	10k	15k	15k
3626	270k	130k	270k

Synchronisation


Horizontal
Orizzontale
Horizontal
Horizontal
East / West
Ost - West
Est / Ovest
Est / Ouest
TV
7512 BC548C
DC-SHIFT
7513 BC558C
3513 4k7
3512 330
3514 68
3537 68
5514 15u
6515 LL4148
3515 1
6516 LL4148
3516 1
6517 BYD330
3517 3
+200
2517 470P
2518 4u7
2512 10u
2511 47u
2513 10u
+141
5555
80V
+V START
7417
3418 270
6417 LLZC2V4
3417 2k2
5ps/DIV
20V
-2V
120V
-15V
TP 55
22V
0V
FLYBACK PULSE
3509 100k
+13
3419 27
+13F
3421 1k5
2418 22n
2419 330u
3408 33k
3508 1k5
11VS
0V3
0V6
1V1
1VS
2409 22n
3407 330
2503 470p
3502 1k5
3503 1k5
5503
55V
3500 1
7501 BF819
2502 100n
2501 RES
9508
3504 1
6504 BYD330
3505 47
7504 BU2508AF
54V
0V1
3506 1
6506 BYD330
3507 47
7506 BU2508AF
2523 9n1
2404
2524 33n
5524
3524 1R7
6527 BY359F
6526 BY229F-600
9501
LINE COIL
1L31
5627
6L31
5L31
4L31
5520 lin.
3520 1k
3521 1k
2519 1u
6520 BYD33M
2520 470n
3518 30k
3519 30k
6519 BYD33M
2521 560n
5521 U15
9522
3510 330
5510 27u
2510 1n2
+13F
3429 1k1
7402 BC848C
0V4
3428 1k1
6404 LL4148
2412 100p
3428 33k
2408 270p
6403 LL4148
2L70
1L70
1L71
2L71
VERTICAL FEEDBACK
1L30
2L30
3456
2456
2457 1u5
3474 RES
3457
3458 1R5
3459 1R5
3461 1
3462 1
3463 1
+28
2458 22n
2450 100n
3464 330
3468 330
3455 470
3467 10k
7469 BC328
3470 RES
N1L
0.71
6629 LL4148
3630 100k
7618 BC848C
3631 1k8
3629 220k
3626
3465 680
3466
3469
6465 LL4148
6466 LL4148
3602 10k
3603
4508
2601 22n
3618 100k
-VN
3604 160k
2609 120n
3609 47k
3610 4k7
3615 470
2610 2u2
2613 4n7
3616 3k3
7603 BC858
6V5
3V5
2600 4u7
3617 2k2
7602 BC858
6V7
7601 BC848
0V3
3619 2k2
3620 6k2
3607 22k
3606 22k
3608 1k
7608 BC548C
0V5
11
12
13
14
15
16
17
18
19
20
21
22


B
22
23
24
25
26
27
28
29
30
15
10
5555
(DSBU100)
EHT
E9
E10
E11
8
16
6
17
2
7
19
V62
TP 62
1V
0V3
2ms/DIV
TP 63
44V
5V
2ms/DIV
+28
3538
3528
750
2529
470n
6529
C43
3529
100k
3530
470k
2530
22n
7530
BC857
2540
RES
3527
1k
EHT-INFO
2531
22n
BL03
D70
EHT-INFO
+200
6L13
E12
5L13
E13
4L13
E14
+13A
6280
3L13
E15
+13
1N4148
2L13
E16
-VN
1L13
E17
IBEAM PROT
3480
100k
VERT.PROT
97
11
12
3532
150
3533
150
TP 64
2.3V
0V
2ms/DIV
3521
1k
6520
BYD33M
3519
30k
6519
BYD33M
+5
6480
BZX79/
C4V3
1V5
0V4
7480
BC858C
3481
1k
3482
22
2480
10u
+13
3485
1k
7481
BC848C
0V4
TP 65
10V
0V
10µs/DIV
3545
130
PROT
A5
SOUND PROT
G8
0V
30
17
16
3534
2R7
2534
2n2
3536
360
+28
3535
2R7
6534
BYD34G
5534
15u
2535
1000u
9540
7550
2SD1509
5543
33u
+5
+13
3551
56
3550
470
9522
5510
27u
2510
1n2
6536
BY229F
-200
+8
31
18
9529
2536
470p
2537
2200u
2551
150u
6551
BZX55
-B6V8
1
9
15
TP 68
0.8V
0V1
5µs/DIV
TP 69
3V
0V4
5µs/DIV
5
32
13
2547
5n6
6546
LL4148
3547
5R1
3548
3k9
2546
100n
7543
BC858
LOT PROT
3549
120k
3
33
14
6542
BAV21
-VN
E/W
PROT
TP 70
2V7
0.3V
10µs/DIV
9503
5526
1
2
2605
1n5
9601
20
28
3621
160k
2611
2u2
3611
2k2
+28
+13
2543
10u
3544
39k
3542
100k
PRS.06959
T-26/113
7608
BC548C
0V5
3608
1k
17V
3614
1k5
17V
7610
2SA1359
18V
3540
30k
13V
7540
BC848C
7542
BC848C
0V
7541
BC848C
0V2
3623
1
3622
1
2541
33u
3541
470k
-16
2542
1u
3543
1k5
CHASSIS FL1.1
CL 16532072/011.BREF
301091
A+D+E+
F+G+H

2401	G 6
2402	D 6
2403	D 8
2404	D 6
2404	F18
2405	D 6
2407	L 4
2408	H14
2409	G11
2410	I 7
2411	H 8
2412	G14
2415	G 9
2416	D10
2417	D10
2418	E12
2419	E12
2450	M11
2450	M 5
2451	M 5
2452	M10
2455	K 6
2456	L13
2457	L12
2458	M11
2459	L 9
2461	L 9
2480	G27
2501	G14
2502	G14
2503	E14
2510	I22
2511	B20
2512	A20
2513	B20
2517	C21
2518	D20
2519	G21
2520	G21
2521	H21
2523	E18
2524	F18
2529	C24
2530	C25
2531	D24
2534	G24
2535	H25
2536	I25
2537	J25
2540	D25
2541	N25
2542	N27
2543	M25
2546	K25
2547	K23
2551	J26
2600	L21
2601	N18
2603	I 9
2605	L23
2609	K19
2610	L19
2611	M24
2613	L20
2653	K17
3402	O 7
3403	O 8
3404	O 5
3406	D 9
3406	D 9
3406	D 9
3407	F13
3408	D13
3409	H 7
3410	I 7
3411	H 7
3413	G 9
3414	G 6
3415	G 5
3417	C10
3418	B11
3419	D13
3420	H 9
3421	D11
3422	H 7
3424	G 8
3426	F 4
3428	G12
3428	H14
3429	G13
3437	I 6
3439	F 4
3441	F 5
3442	F 5
3444	E 4
3446	D 4
3450	L 5
3451	L 5
3455	N12
3456	K13
3457	L13
3458	L13
3459	L14
3460	N10
3461	M13
3462	M13
3463	M14
3464	M12
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3467	N10
3468	N11
3469	N16
3470	N12
3473	M10
3474	L12
3480	F28
3481	G26
3482	G26
3483	F 5
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3485	F27
3500	F14
3502	F14
3503	F14
3504	E16
3505	E17
3506	F16
3507	F17
3508	E14
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3513	B17
3514	A19
3515	A21
3516	B21
3517	C21
3518	G21
3519	G21
3520	F21
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3529	D24
3530	C25
3532	E23
3533	E23
3534	G23
3535	H23
3536	G25
3537	B19
3538	C23
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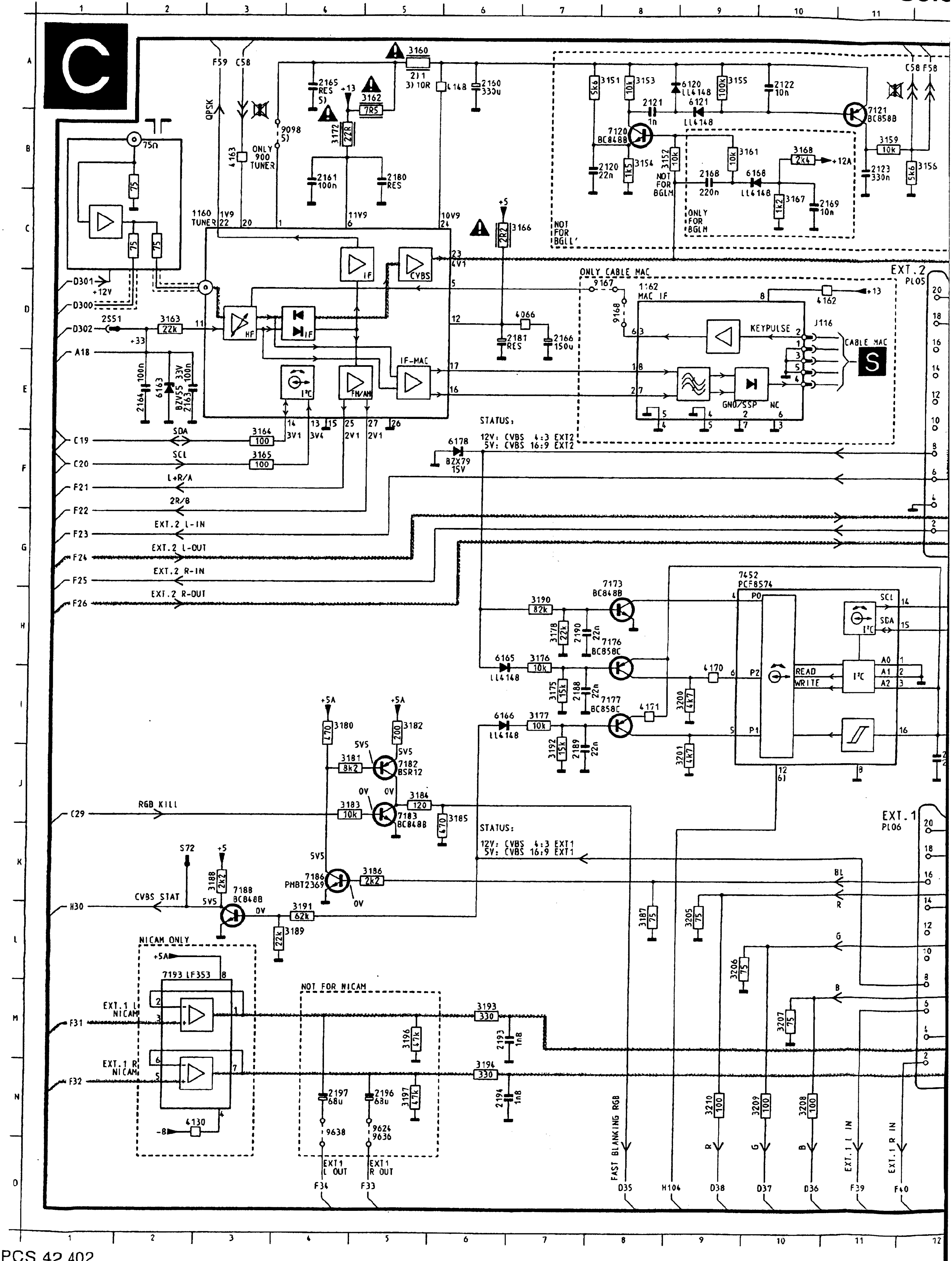
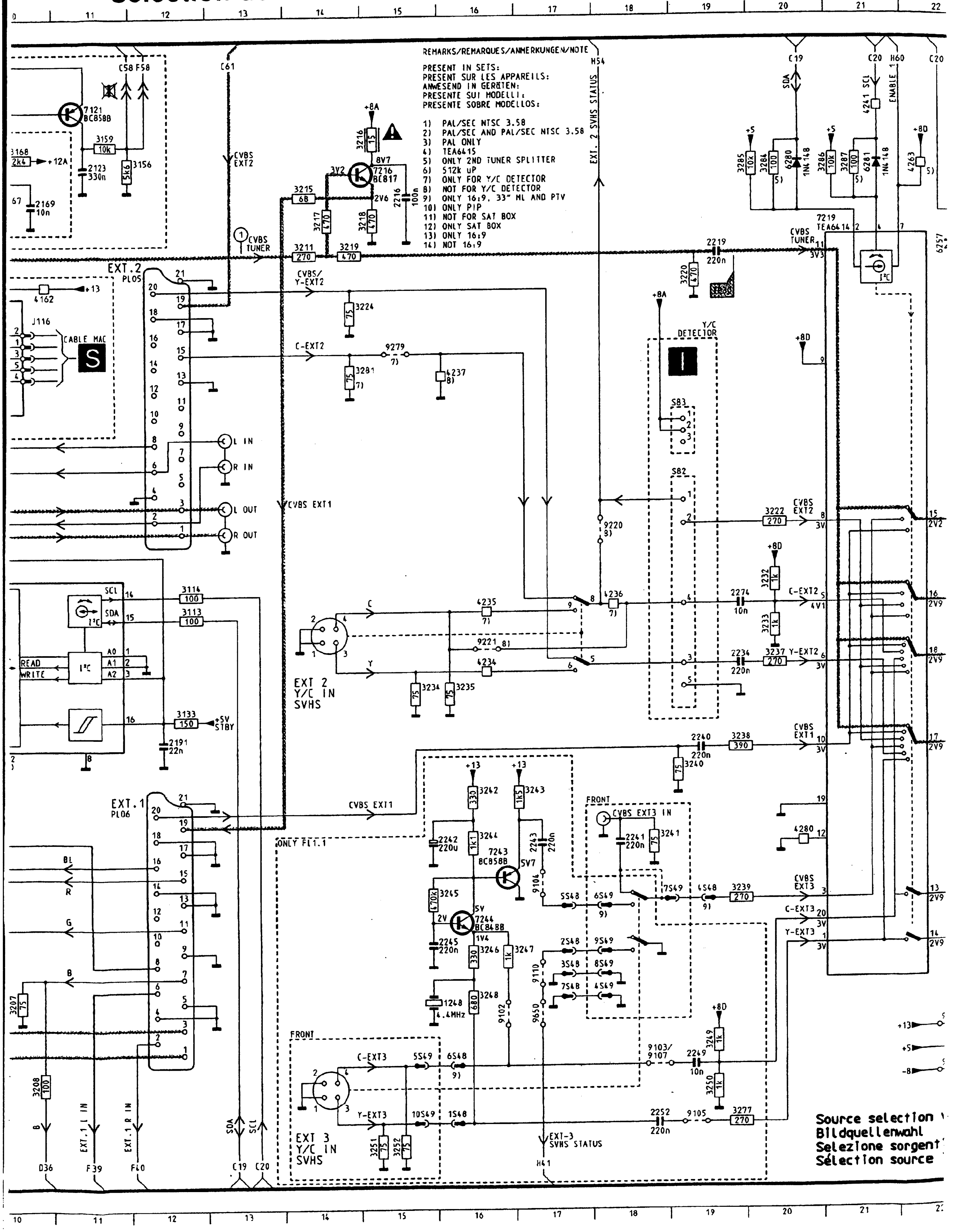
3541	N26
3542	M27
3543	N27
3544	M26
3545	G28
3547	K24
3548	K24
3549	K26
3550	I26
3551	I26
3601	H 9
3602	N17
3603	N18
3604	K21
3605	I10
3606	N21
3607	N20
3608	N22
3609	K19
3610	K20
3611	M23
3614	N23
3615	K20
3616	L20
3617	L20
3618	N19
3619	M20
3620	M21
3621	M23
3622	N24
3623	N24
3626	M15
3627	H 6
3628	H 6
3629	M17
3630	L15
3631	M16
3632	H 9
3650	I17
3651	J16
3652	K18
3653	K16
4400	K 7
4410	I 7
4412	H 7
4508	M18
5503	F15
5510	I21
5511	L 2
5514	A19
5520	F21
5521	H21
5524	G18
5526	L23
5534	H25
5543	H26
5555	A22
5627	E21
6280	E28
6403	H14
6404	G13
6417	C11
6440	E 4
6441	E 4
6451	N 9
6452	M10
6453	L10
6465	N16
6466	N16
6480	F26
6504	E16
6506	F16
6515	A21
6516	B21
6517	C21
6519	G22
6520	G22
6526	F19
6527	E19
6529	C24
6534	H24
6536	I25
6542	K23
6546	K24
6551	J26
6629	L15
6650	J16
7400	E 6
7402	G13
7403	J 6
7407	H 6
7417	B10
7444	D 5
7445	D 4
7450	L 6
7451	K 5
7469	N11
7480	G26
7481	G27
7501	F15
7504	E17
7506	F17
7512	A18
7513	B18
7530	C25
7540	N25
7541	N26
7542	N26
7543	K26
7550	H26
7601	M19
7602	M20
7603	L20
7608	N22
7610	N24
7618	L16
7650	J16
7651	J17
9459	F 4
9473	D 4
9501	D21
9503	L23
9508	G15
9522	H21
9529	I23
9540	H26
9601	M24

6.13 CHASSIS FL1.1 Source selection / Quellenwahl / Séle


C
S
F59
C58
QPSK
3160
2)1
3) 10R
4148
2160
330u
2165
RES
5)
+13
3162
7R5
3172
22R
9098
5)
4163
ONLY
900
TUNER
2161
100n
2180
RES
75Ω
75
1160
TUNER
1V9
22
20
1
11V9
6
10V9
24
23
4V1
5
12
17
16
IF
CVBS
HF
IF-MAC
FM/AM
I²C
+5
3166
2R2
D301
+12V
D300
D302
2S51
3163
22k
11
+33
A18
2164
100n
6163
BZV55 33V
2163
100n
4066
2181
RES
2166
150u
C19
SDA
3164
100
14
3V1
13
3V4
15
25
2V1
27
2V1
26
C20
SCL
3165
100
F21
L+R/A
F22
2R/B
F23
EXT.2 L-IN
F24
EXT.2 L-OUT
F25
EXT.2 R-IN
F26
EXT.2 R-OUT
STATUS:
12V: CVBS 4:3 EXT2
5V: CVBS 16:9 EXT2
6178
BZX79
15V
3151
5k6
3153
10k
6120
LL4148
3155
100k
2122
10n
2121
1n
6121
LL4148
7121
BC858B
7120
BC848B
2120
22n
3154
1k5
3152
10k
NOT
FOR
BGLM
3161
10k
3168
2k4
+12A
2168
220n
6168
LL4148
3167
1k2
2169
10n
ONLY
FOR
BGLM
2123
330n
3159
10k
3156
5k6
C58
F58
NOT
FOR
BGLL'
ONLY CABLE MAC
9167
9168
1162
MAC IF
8
4162
+13
KEYPULSE
J116
CABLE MAC
GND/SSP
NC
EXT.2
PL05
20
18
16
14
12
10
8
6
4
2
7452
PCF8574
P0
P2
P1
SCL
SDA
READ
WRITE
A0
A1
A2
14
15
1
2
3
16
12
6)
7173
BC848B
3190
82k
3178
22k
2190
22n
7176
BC858C
6165
LL4148
3176
10k
3175
15k
2188
22n
7177
BC858C
4170
4171
3200
4k7
6166
LL4148
3177
10k
3192
15k
2189
22n
3201
4k7
+5A
3180
470
+5A
3182
200
5V5
3181
8k2
5V5
7182
BSR12
0V
0V
3184
120
3183
10k
7183
BC848B
3185
470
C29
RGB KILL
STATUS:
12V: CVBS 4:3 EXT1
5V: CVBS 16:9 EXT1
S72
+5
3188
2k2
7188
BC848B
5V5
7186
PHBT2369
3186
2k2
0V
H30
CVBS STAT
5V5
0V
3191
62k
3189
22k
EXT.1
PL06
BL
R
G
B
3187
75
3205
75
3206
75
3207
75
NICAM ONLY
+5A
7193 LF353
EXT.1 L NICAM
F31
EXT.1 R NICAM
F32
4130
-8
NOT FOR NICAM
3193
330
2193
1n8
3194
330
2194
1n8
3196
47k
3197
47k
2197
68u
2196
68u
9638
9624
9636
EXT1 L OUT
EXT1 R OUT
F34
F33
FAST BLANKING RGB
D35
H104
3210
100
3209
100
3208
100
R
G
B
D38
D37
D36
EXT.1 L IN
EXT.1 R IN
F39
F40
A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
1
2
3
4
5
6
7
8
9
10
11
12

Sélection de source

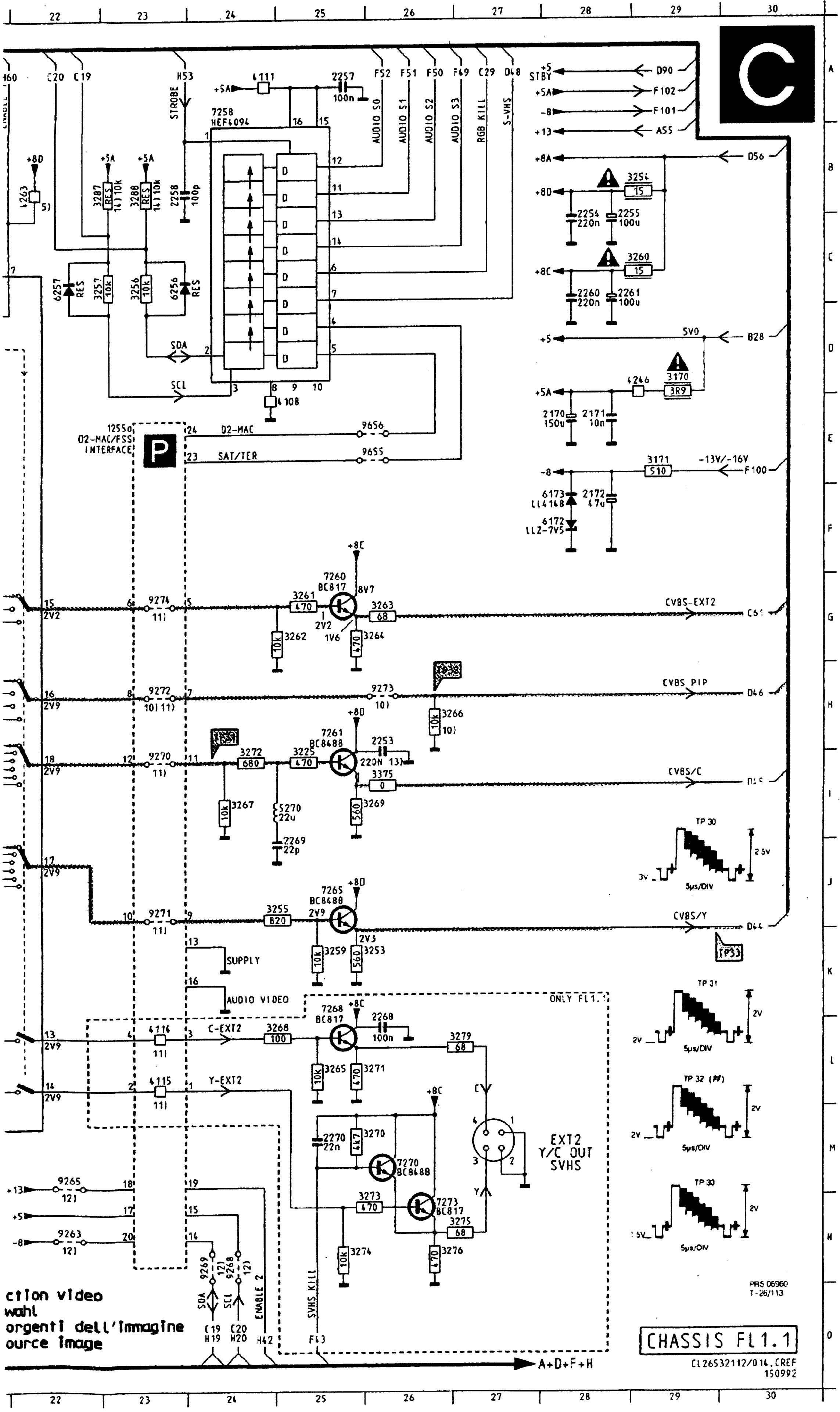

EXT.2
PL05
EXT.1
PL06
J116
CABLE MAC
S
I
7121
BC858B
3159
10k
3168
2k4
+12A
2123
330n
3156
5k6
2169
10n
C58
F58
C61
CVBS
EXT2
+8A
3216
15
8V7
3V2
7216
BC817
2V6
2216
100n
3215
68
3217
470
3218
470
CVBS
TUNER
3211
270
3219
470
2219
220n
3220
470
CVBS/
Y-EXT2
3224
75
C-EXT2
9279
3281
75
4237
4162
+13
L IN
R IN
L OUT
R OUT
CVBS EXT1
H54
EXT. 2 SVHS STATUS
9220
Y/C
DETECTOR
SB3
SB2
C19
SDA
C20
SCL
H60
ENABLE 1
3285
10k
3284
100
6280
1N4148
3286
10k
3287
100
6281
1N4148
4241
4263
+5
+8D
7219
TEA6414
CVBS
TUNER
3V3
I²C
3222
270
CVBS
EXT2
3V
2V2
3232
1k
3233
1k
2274
10n
C-EXT2
4V1
2V9
2234
220n
3237
270
Y-EXT2
2240
220n
3238
390
3240
75
CVBS
EXT1
4235
4236
4234
9221
C
Y
EXT 2
Y/C IN
SVHS
3234
75
3235
75
SCL
SDA
3114
100
3113
100
READ
WRITE
A0
A1
A2
3133
150
+5V
STBY
2191
22n
+13
3242
330
3243
1k5
3244
1k1
2242
220u
7243
BC858B
5V7
2243
220n
3245
470k
7244
BC848B
5V
2V
1V4
2245
220n
3246
330
3247
1k
1248
4.4MHz
3248
680
ONLY FL1.1
FRONT
CVBS EXT3 IN
2241
220n
3241
75
9104
5S48
6S49
7S49
4S48
3239
270
CVBS
EXT3
C-EXT3
Y-EXT3
2S48
9S49
3S48
8S49
7S48
4S49
9110
9650
9102
4280
9103/
9107
2249
10n
3249
1k
3250
1k
2252
220n
9105
3277
270
FRONT
C-EXT3
5S49
6S48
Y-EXT3
10S49
1S48
EXT 3
Y/C IN
SVHS
3251
75
3252
75
EXT-3
SVHS STATUS
H41
BL
R
G
B
3207
75
3208
100
B
EXT.1 L IN
EXT.1 R IN
D36
F39
F40
C19
C20
SDA
SCL
+13
+5
-8
10
11
12
13
14
15
16
17
18
19
20
21
22

REMARKS/REMARQUES/ANMERKUNGEN/NOTE

PRESENT IN SETS:
PRESENT SUR LES APPAREILS:
ANWESEND IN GERäTEN:
PRESENTE SUI MODELLI:
PRESENTE SOBRE MODELLOS:

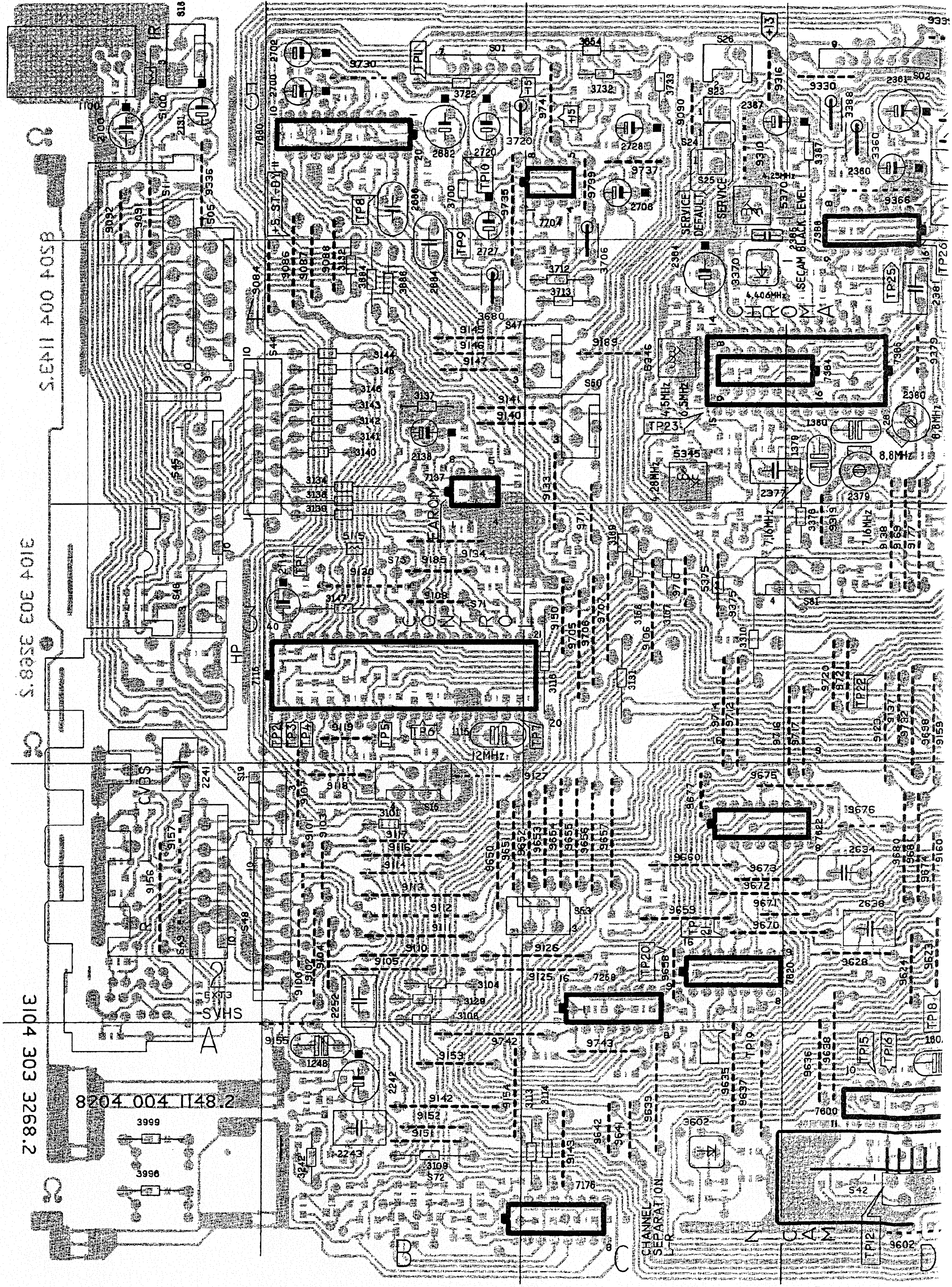
1) PAL/SEC NTSC 3.58
2) PAL/SEC AND PAL/SEC NTSC 3.58
3) PAL ONLY
4) TEA6415
5) ONLY 2ND TUNER SPLITTER
6) 512k uP
7) ONLY FOR Y/C DETECTOR
8) NOT FOR Y/C DETECTOR
9) ONLY 16:9, 33" ML AND PTV
10) ONLY PIP
11) NOT FOR SAT BOX
12) ONLY SAT BOX
13) ONLY 16:9
14) NOT 16:9

Source selection
Bildquellenwahl
Selezione sorgenti
Sélection source


C
P
22
23
24
25
26
27
28
29
30
A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
7258
HEF4094
STROBE
AUDIO S0
AUDIO S1
AUDIO S2
AUDIO S3
RGB KILL
S-VHS
SDA
SCL
1255a
D2-MAC/FSS
INTERFACE
D2-MAC
SAT/TER
+5 STBY
D90
F102
F101
A55
D56
B28
F100
5V0
-13V/-16V
CVBS-EXT2
CVBS PIP
CVBS/C
CVBS/Y
TP 30
TP 31
TP 32
TP33
5µs/DIV
SUPPLY
AUDIO VIDEO
ONLY FL1.1
C-EXT2
Y-EXT2
EXT2
Y/C OUT
SVHS
SVHS KILL
ENABLE 2
A+D+F+H
PRS 06960
T-26/113
CHASSIS FL1.1
CL26532112/014.CREF
150992
ction video
wahl
orgenti dell'immagine
ource image

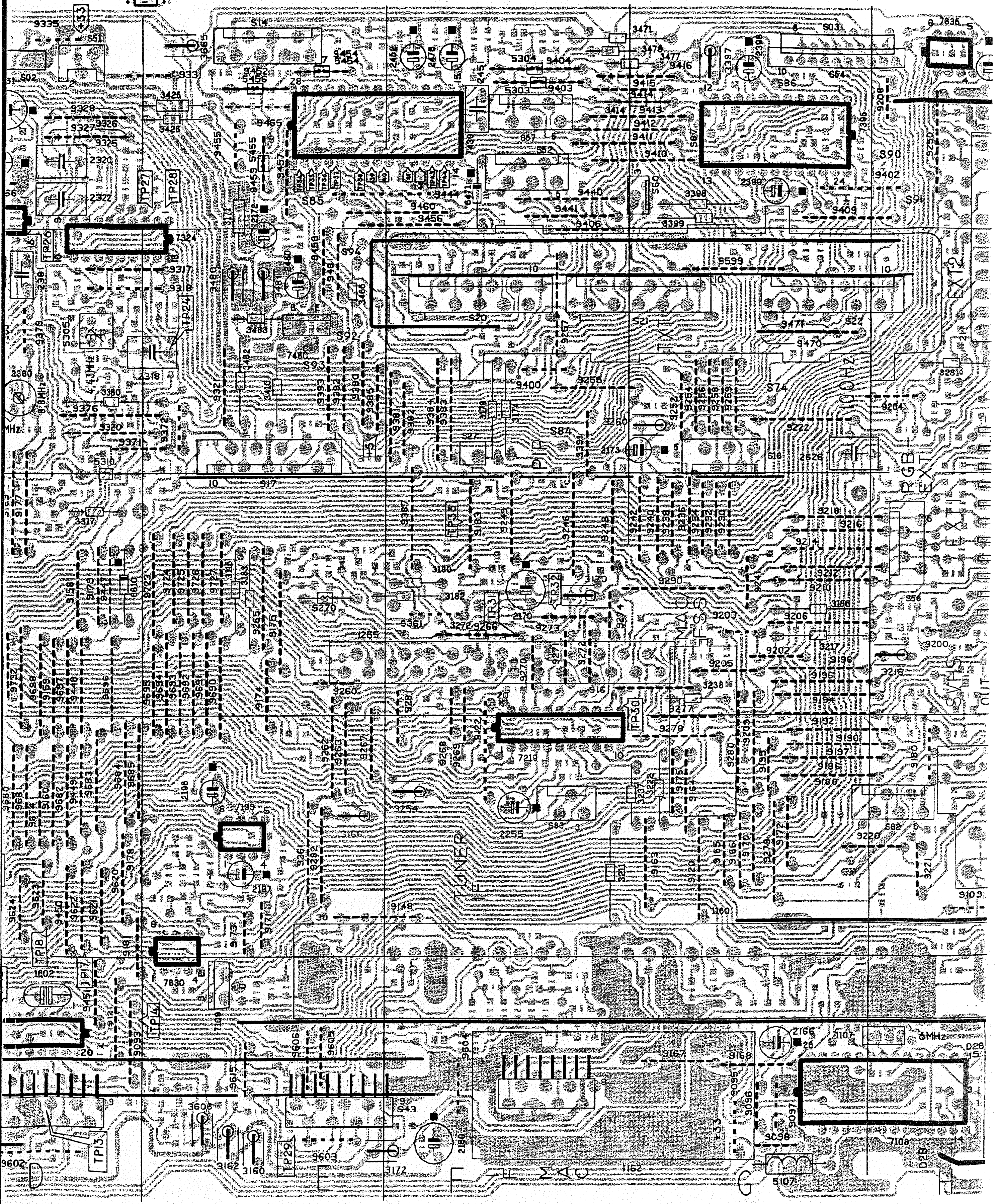
1160	C 2	3238	J19	9269	N24
1162	D 8	3239	L19	9270	I23
1248	M16	3240	J19	9271	J23
1255	E23	3241	K18	9272	H23
2120	B 7	3242	J16	9273	H26
2121	A 8	3243	J17	9274	G23
2122	A10	3244	K16	9279	E15
2123	B11	3245	L16	9624	N 5
2160	A 6	3246	L16	9636	N 5
2161	B 4	3247	L16	9638	N 4
2163	E 2	3248	M16	9650	M17
2164	E 2	3249	N19	9655	E26
2165	A 4	3250	N19	9656	E26
2166	D 7	3251	O15		
2168	B 9	3252	O15		
2169	C10	3253	K25		
2170	E28	3254	B29		
2171	E28	3255	J25		
2172	F28	3256	C23		
2180	B 5	3257	C23		
2181	D 6	3259	K25		
2188	I 7	3260	C29		
2189	J 7	3261	G25		
2190	H 7	3262	G25		
2191	J12	3263	G26		
2193	M 6	3264	G25		
2194	N 6	3265	L25		
2196	N 5	3266	H26		
2197	N 4	3267	I24		
2216	C15	3268	L25		
2219	C19	3269	I25		
2234	I19	3270	M25		
2240	J19	3271	L25		
2241	K18	3272	I24		
2242	K15	3273	N26		
2243	K17	3274	N25		
2245	L15	3275	N27		
2249	N19	3276	N26		
2252	O18	3277	O19		
2253	H26	3279	L27		
2254	C28	3281	E14		
2255	C28	3284	B20		
2257	A25	3285	B19		
2258	B23	3286	B21		
2260	C28	3287	B23		
2261	C28	3287	B21		
2268	L26	3288	B23		
2269	J25	3375	I26		
2270	M25	4066	D 7		
2274	H19	4108	E25		
3113	H12	4111	A24		
3114	H12	4114	L23		
3133	I12	4115	L23		
3151	A 7	4130	N 3		
3152	B 8	4148	A 6		
3153	A 8	4162	D10		
3154	B 8	4163	B 3		
3155	A 9	4170	I 9		
3156	B12	4171	I 8		
3159	B11	4234	I16		
3160	A 5	4235	H16		
3161	B 9	4236	H18		
3162	A 5	4237	E16		
3163	D 2	4241	B21		
3164	F 3	4246	D29		
3165	F 3	4263	B22		
3166	C 6	4280	K20		
3167	C10	5270	I25		
3168	B10	6120	A 9		
3170	D29	6121	A 9		
3171	E29	6163	E 2		
3172	B 4	6165	H 6		
3175	I 7	6166	I 6		
3176	H 7	6168	B 9		
3177	I 7	6172	F28		
3178	H 7	6173	F28		
3180	I 4	6178	F 6		
3181	J 4	6256	C23		
3182	I 5	6257	C22		
3183	J 4	6280	B20		
3184	J 5	6281	B21		
3185	J 6	7120	B 8		
3186	K 5	7121	B11		
3187	L 8	7173	G 8		
3188	K 3	7176	H 8		
3189	L 4	7177	I 8		
3190	H 7	7182	J 5		
3191	L 4	7183	J 5		
3192	J 7	7186	K 4		
3193	M 6	7188	K 3		
3194	N 6	7193	L 2		
3196	M 5	7216	B15		
3197	N 5	7219	C20		
3200	I 9	7243	K16		
3201	J 9	7244	L16		
3205	L 9	7258	A24		
3206	L 9	7260	G25		
3207	M10	7261	H25		
3208	N10	7265	J25		
3209	N10	7268	K25		
3210	N 9	7270	M26		
3211	C14	7273	N26		
3215	C14	7452	G 9		
3216	B15	9098	B 3		
3217	C14	9102	M16		
3218	C15	9103	N18		
3219	C14	9104	K17		
3220	D19	9105	O19		
3222	G20	9110	M17		
3224	D14	9167	D 8		
3225	I25	9168	D 8		
3232	H20	9220	G18		
3233	H20	9221	H16		
3234	I15	9263	N22		
3235	I16	9265	M22		
3237	I20	9268	N24		

Small signal panel Klein-signal Platine


8204 004 1148.2
3104 303 3268.2
SVHS
CVBS
EXT3
HP
IR
CONTROL
CHROMA
FAROM
SERVICE DEFAULT
SERVICE
SECAM BLACK LEVEL
CHANNEL SEPARATION L-R
12MHz
4.406MHz
4.5MHz
5.5MHz
6.5MHz
7.16MHz
8.8MHz
TP1
TP2
TP3
TP4
TP5
TP6
TP7
TP8
TP9
TP10
TP11
TP12
TP15
TP16
TP18
TP19
TP20
TP21
TP22
TP23
TP25
TP26
7116
7137
7384
7820
7600
7176
7268
9602
3999
3996
A
B
C
D

6.17 **CHASSIS FL1.1**

Platine à petite signaux


9335
+33
S51
S02
S14
3665
9452
5456
5454
9465
3471
3476
3477
9416
5304
9404
5303
9403
3397
2398
S03
7636
S86
S54
9328
9327
9326
9325
2320
2322
TP27
TP28
S85
9460
9456
3444
9440
9441
9406
3399
3398
S60
S90
9402
S91
9409
TP26
7324
9317
9318
TP24
5305
4,43MHz
8,8MHz
2380
2318
3380
9376
9320
9337
5310
9599
S20
S21
S22
9471
9470
EXT2
3281
S92
S93
7480
3483
3466
S94
9400
9255
S74
100Hz
9264
9222
S84
2173
2626
RGB
EXT
S16
S27
S17
TP35
9183
9218
9216
9214
9212
9210
3186
9206
9200
3180
3182
TP32
TP31
3170
2170
9273
9266
3272
3261
9270
1255
S361
9290
9203
FSS
MAC
9205
3238
9202
9196
9198
3216
SVHS
OUT
9260
TP30
9277
9278
7219
9192
9190
9187
9188
9197
3294
3166
2255
S83
S82
9220
TUNER
2196
7193
2197
9148
1160
3103
TP18
1602
TP17
7830
TP14
9606
9605
9604
9167
9168
2166
3107
6MHz
D28
9095
9096
9097
+33
9098
7108
5107
D29
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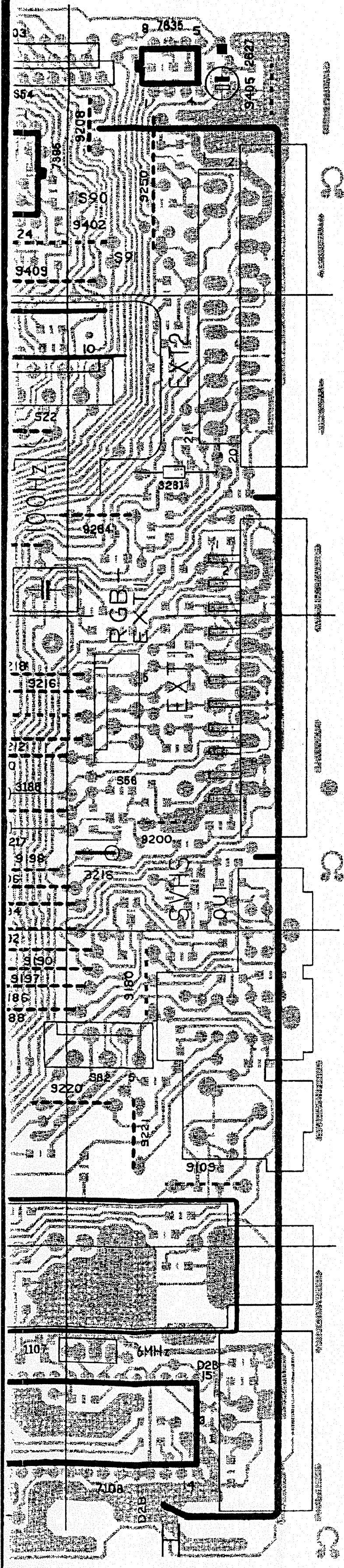
9615
S43
TP13
9602
3162
3160
TP29
9603
3172
2180
1162
MAC



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EXT1	H3	2634	D2	3680	B4	9141	B4	9263	E2	9603	E1
EXT2	H4	2638	D2	3684	B4	9142	B1	9264	H4	9604	F1
EXT3	A3	2682	B5	3686	B4	9143	C1	9265	E3	9605	E1
S01	B5	2684	B4	3700	B5	9145	B4	9266	F3	9606	E1
S02	D5	2686	B5	3706	C4	9146	B4	9267	E2	9616	E1
S03	H5	2700	B5	3712	C4	9147	B4	9268	F3	9620	D2
S05	A4	2702	B5	3713	C4	9148	E2	9269	F3	9621	D2
S11	A5	2706	C5	3720	B6	9150	C3	9270	F3	9622	D2
S14	E5	2720	B6	3722	B5	9151	B1	9271	F3	9623	D2
S15	B2	2727	B6	3732	C5	9152	B1	9272	F3	9624	D2
S16	G4	2728	C5	3733	C5	9153	B1	9273	F3	9628	D2
S17	E4	3101	B2	3996	A1	9154	B1	9274	F3	9635	C1
S18	A5	3104	B2	3999	A1	9155	A1	9277	G2	9636	D1
S19	B2	3106	B2	5100	A5	9156	A2	9278	G2	9637	C1
S20	F4	3109	B1	5107	G1	9157	A2	9279	G2	9638	D1
S21	F4	3113	C1	5115	B3	9158	D3	9280	G2	9639	C1
S22	G4	3114	C1	5270	E3	9159	D3	9281	F2	9641	C1
S23	C5	3115	E3	5303	F5	9160	D2	9282	E2	9642	C1
S24	C5	3116	C3	5304	F5	9161	G3	9290	G3	9650	B2
S25	C5	3129	B2	5305	D4	9163	G2	9310	C5	9651	B2
S26	C5	3131	C3	5310	D4	9164	G2	9316	C5	9652	C2
S27	F4	3132	B4	5345	C4	9165	G2	9317	D4	9653	C2
S42	D1	3134	B4	5346	C4	9166	G2	9318	D4	9654	C2
S43	F1	3137	B4	5370	C5	9167	G1	9319	D3	9655	C2
S44	B4	3138	B4	5375	C3	9168	G1	9320	D4	9656	C2
S45	A4	3139	B3	5454	E5	9169	D3	9321	E4	9657	C2
S46	A3	3140	B4	5455	E5	9170	G2	9325	D5	9658	C2
S47	C4	3141	B4	5456	E5	9171	E2	9326	D5	9659	C2
S48	B2	3142	B4	6471	F5	9172	G2	9327	D5	9660	C2
S49	A2	3143	B4	6610	D3	9173	E2	9328	D5	9670	C2
S50	C4	3144	B4	7109	E1	9174	E3	9330	D5	9671	D2
S51	D5	3145	B4	7115	B3	9175	E3	9331	D5	9672	C2
S52	F5	3146	B4	7137	B3	9176	G2	9335	D5	9673	C2
S53	C2	3147	B3	7193	E2	9177	D3	9336	A5	9674	D2
S54	H5	3157	C3	7219	F2	9178	D2	9361	F3	9675	D2
S56	H3	3158	C3	7324	E5	9179	D3	9366	D5	9676	D2
S57	F5	3160	E1	7366	D5	9180	H2	9371	D4	9677	C2
S60	G5	3162	E1	7395	G5	9181	D2	9372	E4	9680	D2
S81	D3	3166	E2	7430	E5	9183	F3	9375	C3	9681	D2
S82	G2	3169	C3	7480	E4	9185	B3	9376	D4	9682	D2
S83	F2	3170	F3	7635	H5	9186	G2	9379	D4	9683	D2
SVHS	H2	3171	E5	7680	B5	9188	G2	9380	E4	9684	D2
1100	A5	3172	E1	7704	C5	9189	C4	9381	F4	9685	D2
1107	H1	3174	F4	9084	B4	9190	G2	9382	F4	9690	E3
1115	B3	3179	F4	9086	B4	9192	G3	9383	F4	9691	E3
1160	E2	3180	F3	9087	B4	9194	G3	9384	F4	9692	E3
1162	F1	3182	F3	9088	B4	9195	G2	9385	E4	9693	E3
1248	B1	3183	E3	9090	C5	9196	G3	9387	F3	9694	E3
1379	D4	3186	G3	9091	A5	9197	G2	9391	F4	9695	E3
1380	D4	3211	F2	9092	A5	9198	G3	9392	E4	9696	D3
1602	D1	3216	H3	9093	D1	9200	H3	9393	E4	9697	D3
2100	A5	3217	G3	9095	G1	9202	G3	9400	F4	9698	D3
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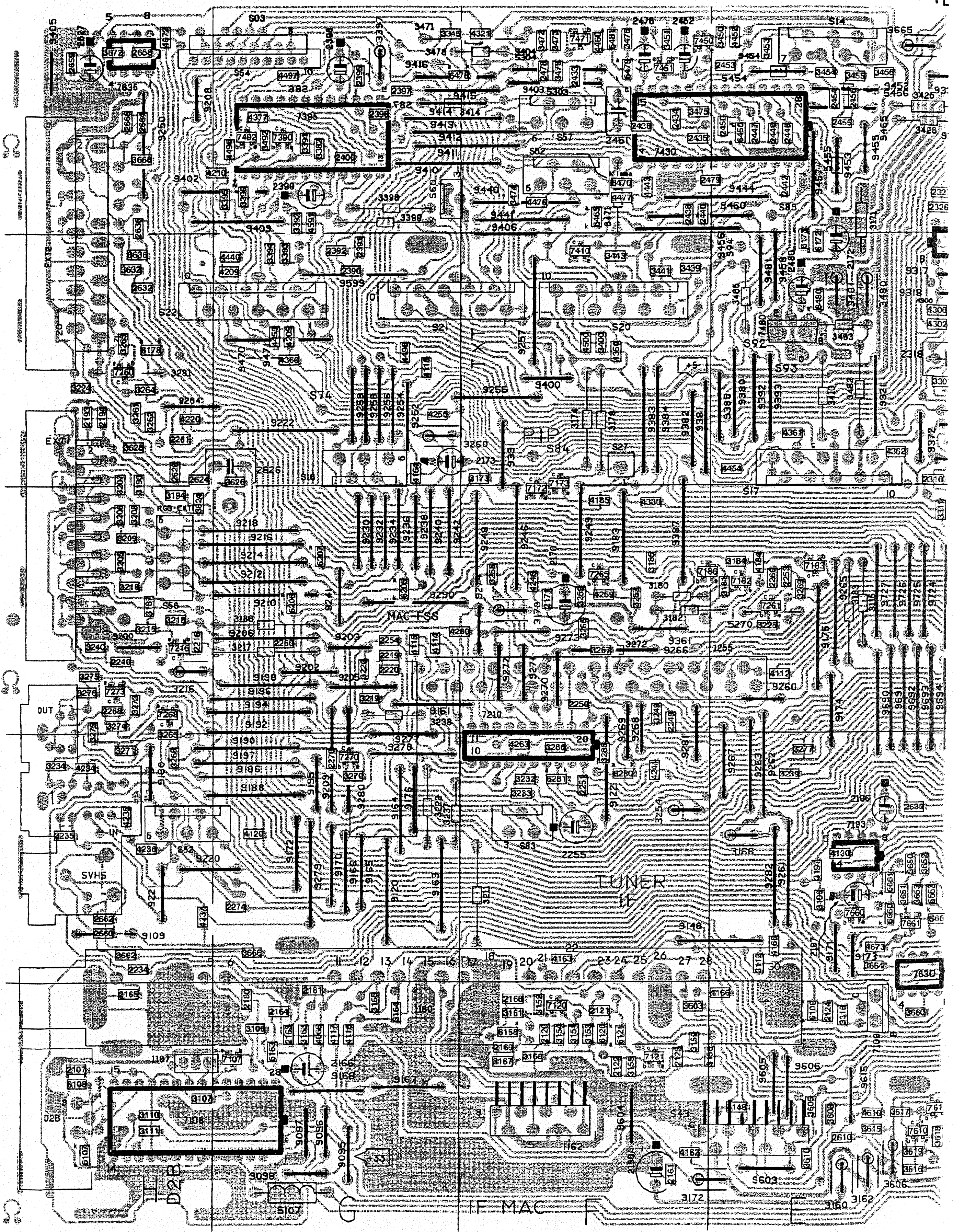
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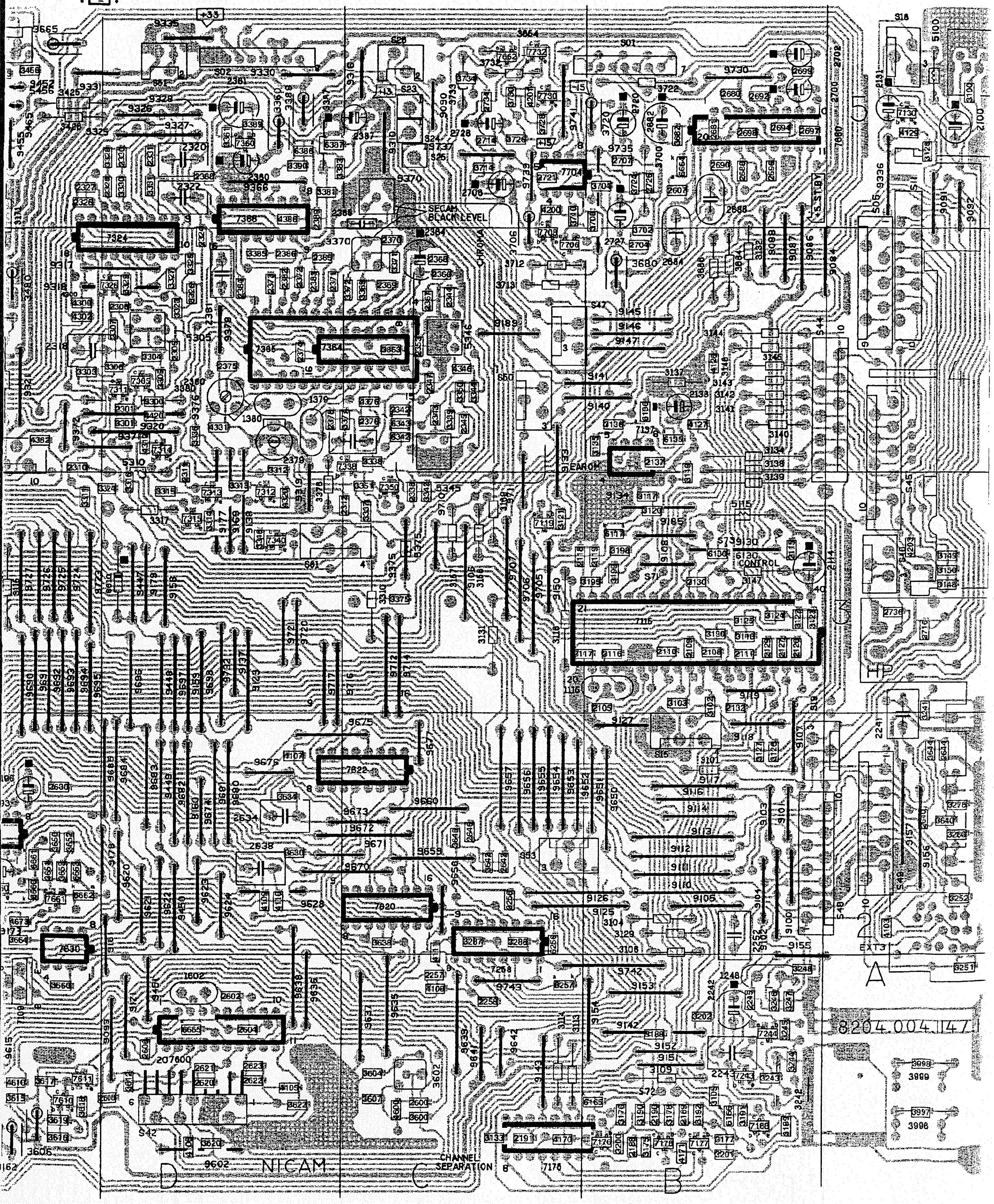
# Small signal panel		Klein-signal Platine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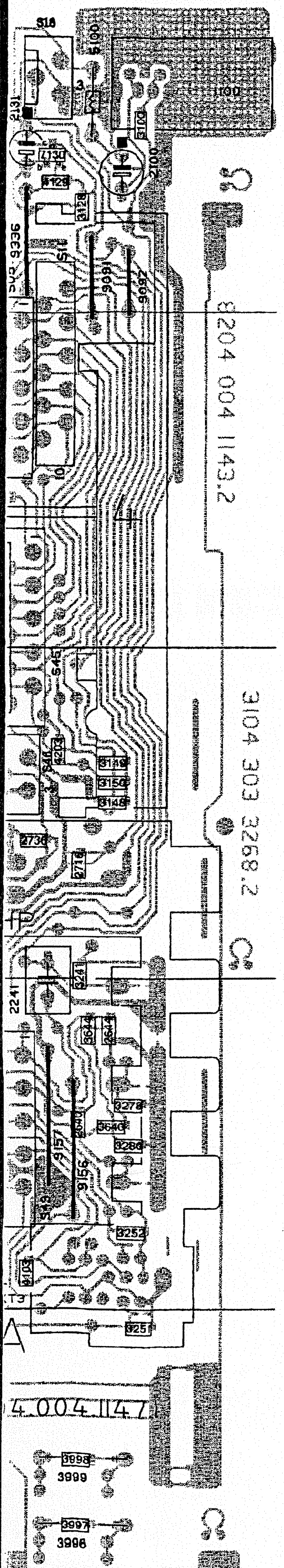
Platine à petite signaux



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9657 C2
9658 C2
9659 C2
9660 C2
9670 C2
9671 D2
9672 C2
9673 C2
9674 D2
9675 D2
9676 D2
9677 C2
9680 D2
9681 D2
9682 D2
9683 D2
9684 D2
9685 D2
9690 E3
9691 E3
9692 E3
9693 E3
9694 E3
9695 E3
9696 D3
9697 D3
9698 D3
9705 C3
9706 C3
9707 C3
9710 C3
9711 C3
9712 C3
9714 C3
9716 D3
9717 D3
9720 D3
9721 D3
9723 E3
9724 E3
9725 E3
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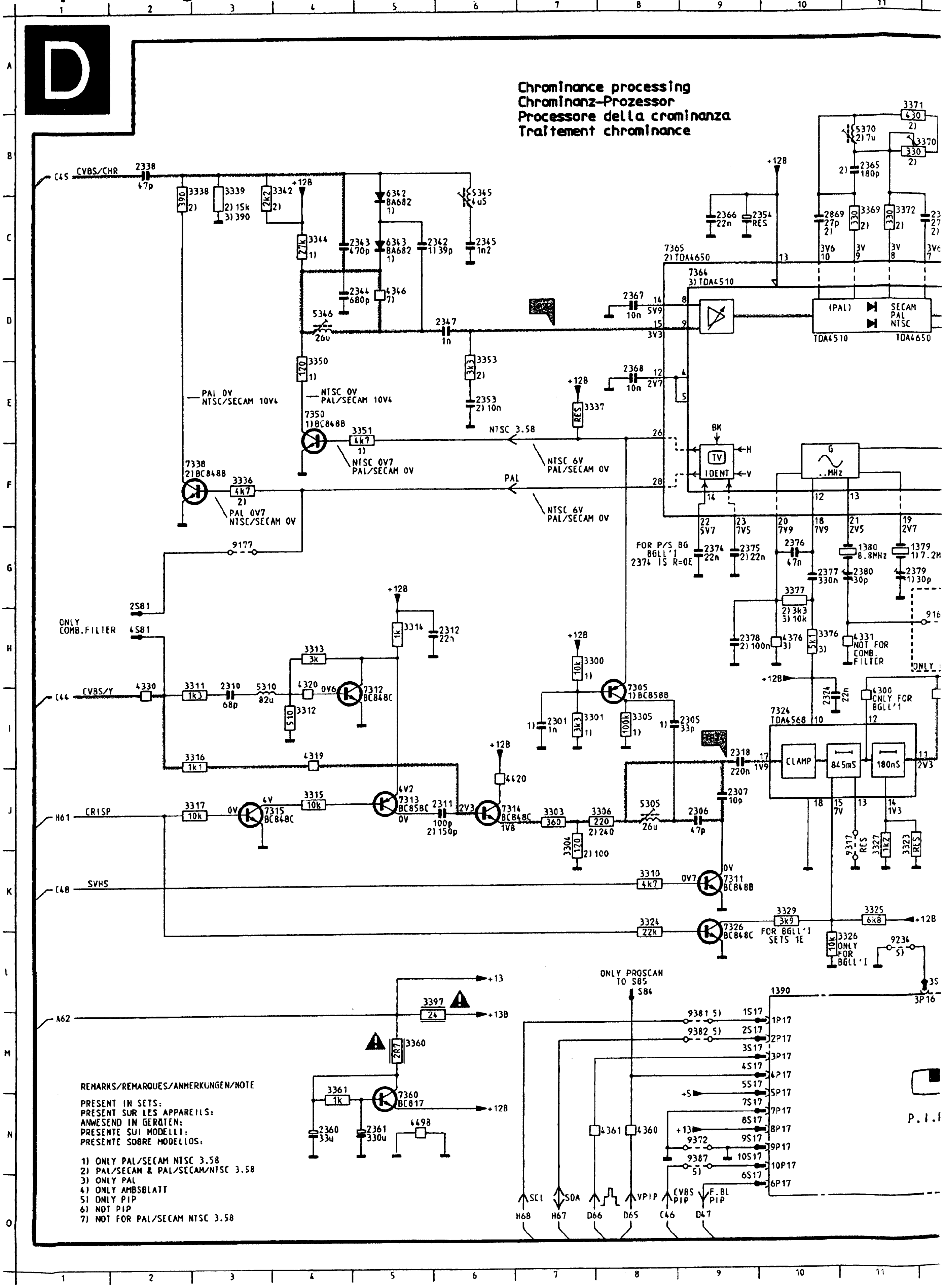
9742 B1
9743 C1



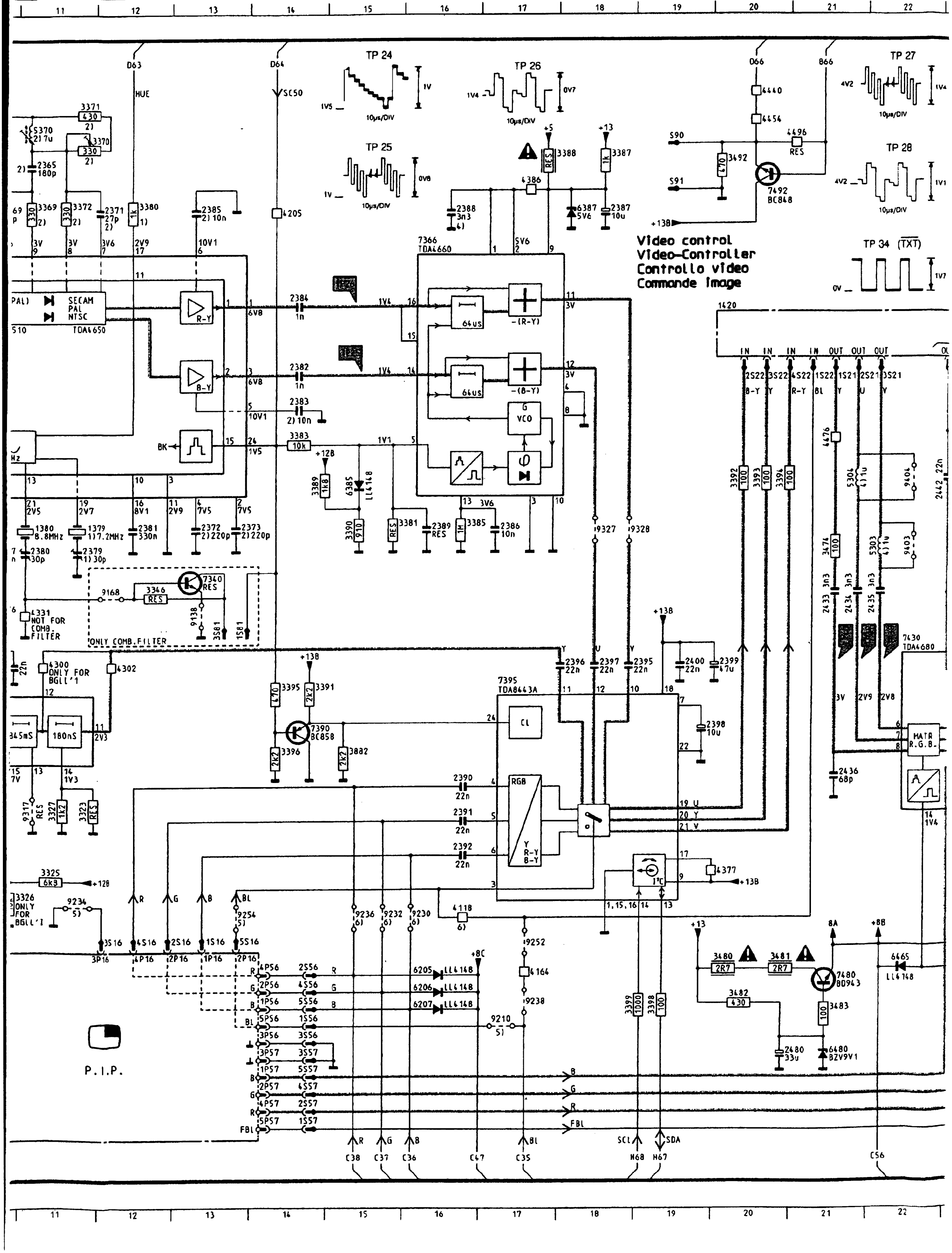
D
Chrominance processing
Chrominanz-Prozessor
Processore della crominanza
Traitement chrominance
C45 CVBS/CHR
2338 47p
3338 390 2)
3339 2) 15k 3) 390
3342 2k2 2)
+12B
6342 BA682 1)
6343 BA682 1)
5345 4u5
3344 27k 1)
2343 470p
2342 1) 39p
2345 1n2
2344 680p
4346 7)
5346 26u
2347 1n
3350 470 1)
3353 3k3 2)
2353 2) 10n
PAL 0V NTSC/SECAM 10V4
NTSC 0V PAL/SECAM 10V4
7350 1) BC848B
3351 4k7 1)
NTSC 0V7 PAL/SECAM 0V
NTSC 3.58
NTSC 6V PAL/SECAM 0V
7338 2) BC848B
3336 4k7 2)
PAL 0V7 NTSC/SECAM 0V
PAL
9177
2S81
ONLY COMB.FILTER
4S81
C44 CVBS/Y
4330
3311 1k3
2310 68p
5310 82u
4320 0V6
7312 BC848C
3312 510
3313 3k
3314 1k
2312 22n
3316 1k1
4319
H61 CRISP
3317 10k
7315 BC848C
3315 10k
7313 BC858C 4V2 0V
2311 100p 2) 150p
2V3
7314 BC848C 1V8
+12B
4420
3303 360
3306 220 2) 240
3304 470 2) 100
5305 26u
2306 47p
2307 10p
2318 220n
3300 10k 1)
7305 1) BC858B
2301 1) 1n
3301 3k3 1)
3305 100k 1)
2305 1) 33p
3337 RES
C48 SVHS
3310 4k7 0V7
7311 BC848B 0V
3324 22k
7326 BC848C
3329 3k9
FOR BGLL'I SETS 1E
3325 6k8 +12B
3326 10k ONLY FOR BGLL'I
9234 5)
A62
+13
3397 24
+13B
3360 2R7
3361 1k
7360 BC817
+12B
2360 33u
2361 330u
4498
2367 10n
2368 10n
2366 22n
2354 RES
7365 2) TDA4650
7364 3) TDA4510
TDA4510 TDA4650
(PAL) SECAM PAL NTSC
5V9 3V3 2V7
BK
IDENT
H V
G ..MHz
FOR P/S BG BGLL'I 2374 IS R=0E
2374 22n
2375 2) 22n
2376 47n
2377 330n
2380 30p
1380 8.8MHz
1379 1) 7.2M
2379 1) 30p
3377 2) 3k3 3) 10k
2378 2) 100n
4376 3)
3376 5k1 3)
4331 NOT FOR COMB. FILTER
2374 22n
+12B
4300 ONLY FOR BGLL'I
7324 TDA4568
CLAMP
845nS
180nS
1V9 2V3
9317 RES
3327 1k2
3323 RES
3371 430 2)
5370 2) 7u
3370 330 2)
2365 2) 180p
2869 27p 2)
3369 330 2)
3372 330 2)
ONLY PROSCAN TO S85
S84
1390
9381 5)
9382 5)
1P17 2P17 3P17 4P17 5P17 7P17 8P17 9P17 10P17 6P17
1S17 2S17 3S17 4S17 5S17 7S17 8S17 9S17 10S17 6S17
+5
+13
9372
9387 5)
4361 4360
SCL SDA VPIP CVBS PIP F.BL PIP
H68 H67 D66 D65 C46 D47
3P16
P.I.

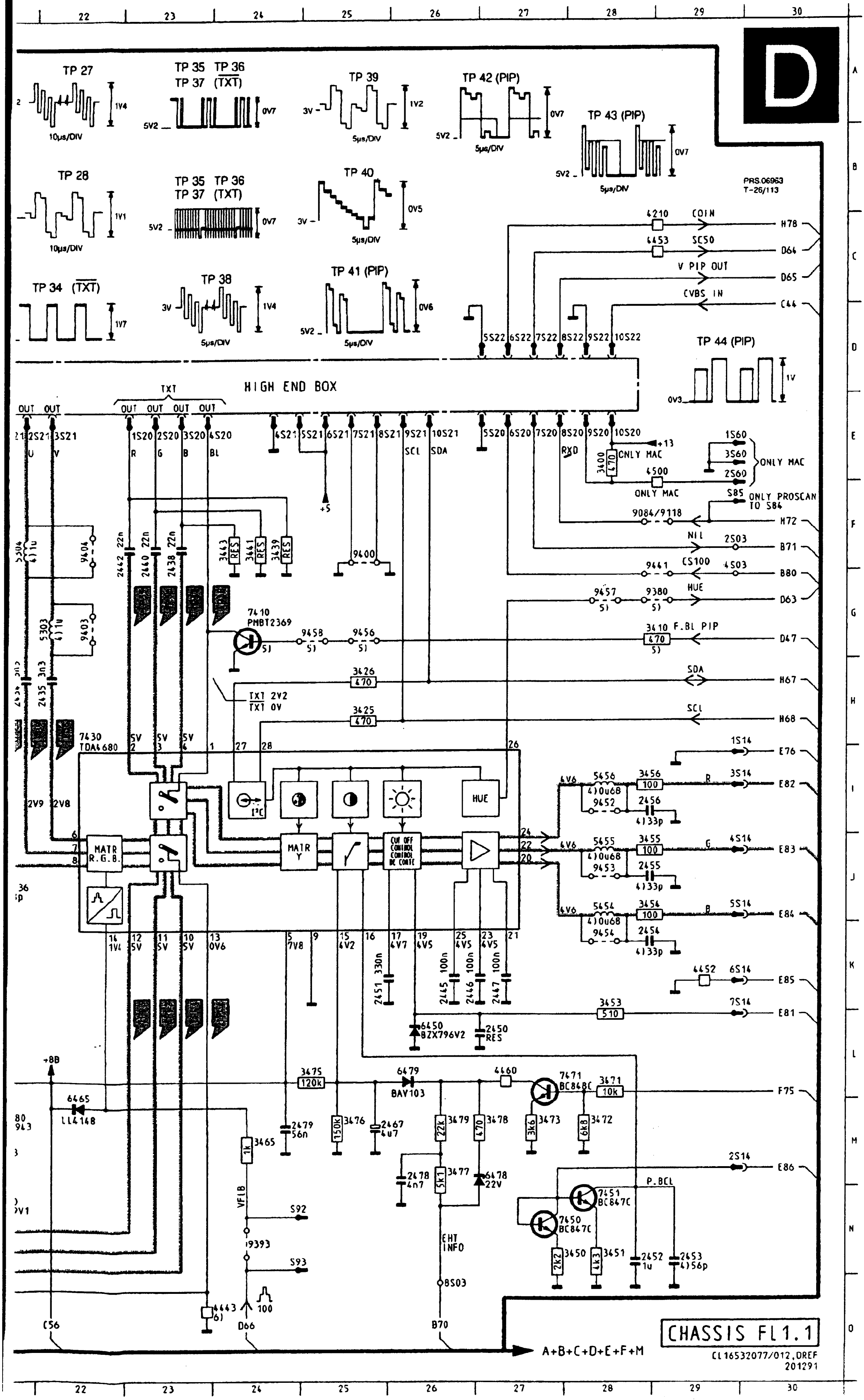
REMARKS/REMARQUES/ANMERKUNGEN/NOTE

PRESENT IN SETS:
PRESENT SUR LES APPAREILS:
ANWESEND IN GERÄTEN:
PRESENTE SUI MODELLI:
PRESENTE SOBRE MODELLOS:

1) ONLY PAL/SECAM NTSC 3.58
2) PAL/SECAM & PAL/SECAM/NTSC 3.58
3) ONLY PAL
4) ONLY AMBSBLATT
5) ONLY PIP
6) NOT PIP
7) NOT FOR PAL/SECAM NTSC 3.58

Traitement vidéo


TP 24
TP 25
TP 26
TP 27
TP 28
TP 34 (TXT)
10µs/DIV
Video control
Video-Controller
Controllo video
Commande image
7366 TDA4660
7395 TDA8443A
7430 TDA4680
TDA4650
SECAM PAL NTSC
R-Y
B-Y
-(R-Y)
-(B-Y)
64us
VCO
CL
RGB
Y R-Y B-Y
MATR R.G.B.
7492 BC848
7390 BC858
7340 RES
7480 BD943
ONLY COMB.FILTER
NOT FOR COMB. FILTER
ONLY FOR BGLL'1
HUE
SC50
D63
D64
D66
866
S90
S91
1420
IN IN IN IN OUT OUT OUT
B-Y Y R-Y BL Y U V
345mS
180nS
P.I.P.
R G B BL FBL
SCL SDA
C38 C37 C36 C47 C35 H68 H67 C56
+5 +13 +13B +12B +8C +8A +8B
11 12 13 14 15 16 17 18 19 20 21 22


22
23
24
25
26
27
28
29
30
D
TP 27
1V4
10µs/DIV
TP 35 TP 36
TP 37 (TXT)
5V2
0V7
TP 39
3V
1V2
5µs/DIV
TP 42 (PIP)
5V2
0V7
5µs/DIV
TP 43 (PIP)
5V2
0V7
5µs/DIV
PRS.06963
T-26/113
TP 28
1V1
10µs/DIV
TP 35 TP 36
TP 37 (TXT)
5V2
0V7
TP 40
3V
0V5
5µs/DIV
TP 34 (TXT)
1V7
TP 38
3V
1V4
5µs/DIV
TP 41 (PIP)
5V2
0V6
5µs/DIV
TP 44 (PIP)
0V3
1V
4210
COIN
H78
4453
SC50
D64
V PIP OUT
D65
CVBS IN
C44
5S22
6S22
7S22
8S22
9S22
10S22
HIGH END BOX
TXT
OUT
OUT
OUT
OUT
OUT
OUT
2S21
3S21
U
V
1S20
2S20
3S20
4S20
R
G
B
BL
4S21
5S21
6S21
7S21
8S21
9S21
10S21
SCL
SDA
+5
5S20
6S20
7S20
8S20
9S20
10S20
RXD
+13
3400
470
ONLY MAC
4500
ONLY MAC
1S60
3S60
2S60
ONLY MAC
S85
ONLY PROSCAN
TO S84
9084/9118
H72
NIL
2S03
B71
9441
CS100
4S03
B80
9457
5)
9380
5)
HUE
D63
5304
4µ1u
9404
2442 22n
2440 22n
2438 22n
3443 RES
3441 RES
3439 RES
9400
7410
PMBT2369
5)
9458
5)
9456
5)
3410 F.BL PIP
470
5)
D47
5303
4µ1u
9403
3426
470
SDA
H67
TXT 2V2
TXT 0V
3425
470
SCL
H68
2434
2435 3n3
7430
TDA4680
5V
2
5V
3
5V
4
1
27
28
26
I²C
HUE
MATR R.G.B.
MATR Y
CUT OFF CONTROL CONTROL DE CORTE
2V9
2V8
6
7
8
36
24
22
20
14 1V4
12 5V
11 5V
10 5V
13 0V6
5 7V8
9
15 4V2
16
17 4V7
19 4V5
25 4V5
23 4V5
21
2451 330n
2445 100n
2446 100n
2447 100n
6450
BZX796V2
2450
RES
1S14
E76
4V6
5456
4)0u68
9452
3456
100
R
3S14
E82
2456
4)33p
4V6
5455
4)0u68
9453
3455
100
G
4S14
E83
2455
4)33p
4V6
5454
4)0u68
9454
3454
100
B
5S14
E84
2454
4)33p
4452
6S14
E85
3453
510
7S14
E81
+8B
6465
LL4148
3475
120k
6479
BAV103
4460
7471
BC848C
3471
10k
F75
80
943
2479
56n
3476
150k
2467
4u7
3479
22k
3478
470
3473
3k6
6k8
3472
3465
1k
2478
4n7
3477
5k1
6478
22V
2S14
E86
P.BCL
7451
BC847C
7450
BC847C
VF1B
S92
9393
S93
2k2
3450
4k3
3451
2452
1u
2453
4)56p
EHT INFO
8S03
4443
6)
100
C56
D66
B70
A+B+C+D+E+F+M
CHASSIS FL1.1
CL 16532077/012.DREF
201291

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2305	I 9	3389	F14	9177	G 3
2306	J 9	3390	G15	9210	M17
2307	J 9	3391	I14	9230	L16
2310	I 3	3392	F20	9232	L15
2311	J 6	3393	F20	9234	L11
2312	H 6	3394	F20	9236	L15
2318	I 9	3395	I14	9238	M17
2324	I10	3396	J14	9252	L17
2338	B 2	3397	L 5	9254	L13
2342	C 5	3398	M19	9317	K11
2343	C 4	3399	M18	9327	G18
2344	D 4	3400	E28	9328	G18
2345	C 6	3410	G29	9372	N 9
2347	D 6	3425	H25	9380	G29
2353	E 6	3426	H25	9381	M 9
2354	C 9	3439	F24	9382	M 9
2360	N 4	3441	F24	9387	N 9
2361	N 5	3443	F24	9393	N24
2365	B11	3450	N27	9400	F25
2366	C 9	3451	N28	9403	G22
2367	D 8	3453	K28	9404	F22
2368	E 8	3454	J28	9441	F29
2371	C12	3455	J28	9452	I28
2372	G13	3456	I28	9453	J28
2373	G13	3465	M24	9454	K28
2374	G 9	3471	L28	9456	G25
2375	G 9	3472	M28	9457	G28
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2377	G10	3474	G21		
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2380	G11	3477	M26		
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2386	G17	3483	M21		
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2392	K16	4210	C29		
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2398	I19	4320	I 4		
2399	I20	4330	I 2		
2400	I19	4331	H11		
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2434	H21	4360	N 8		
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2440	F23	4386	B17		
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2445	K26	4440	A20		
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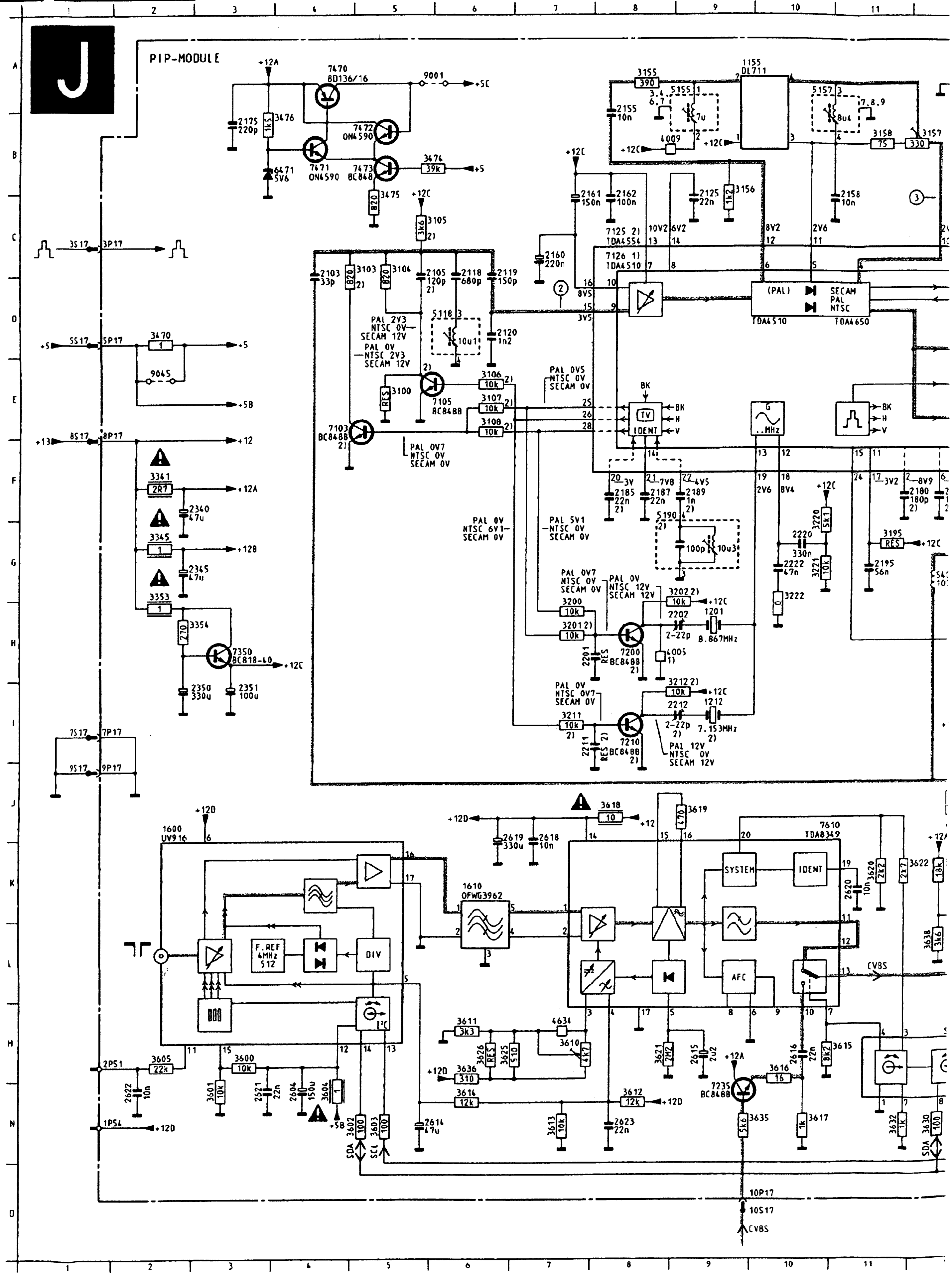
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220p
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ON4590
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BC848
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5V6
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+5
3475
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+12C
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3k6
3155
390
1155
DL711
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7u
5157
8u4
4009
2155
10n
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75
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330
2158
10n
2161
150n
2162
100n
2125
22n
3156
1k2
7125 2)
TDA4554
7126 1)
TDA4510
10V2
6V2
8V2
2V6
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220n
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3104
820
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120p
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680p
2119
150p
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1n2
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10u1
PAL 2V3
NTSC 0V
SECAM 12V
PAL 0V
NTSC 2V3
SECAM 12V
8V5
3V5
(PAL)
SECAM
PAL
NTSC
TDA4510
TDA4650
3100
RES
7105
BC848B
7103
BC848B
3106
10k
3107
10k
3108
10k
PAL 0V5
NTSC 0V
SECAM 0V
BK
TV
IDENT
BK
H
V
..MHz
PAL 0V7
NTSC 0V
SECAM 0V
3S17
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3V
7V8
4V5
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PAL 0V
NTSC 6V1
SECAM 0V
PAL 5V1
NTSC 0V
SECAM 0V
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NTSC 0V
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PAL 0V
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SECAM 12V
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10k
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SECAM 0V
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2212
2-22p
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2211
RES
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NTSC 0V
SECAM 12V
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+12
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330u
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TDA8349
SYSTEM
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OFWG3962
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4k7
3626
RES
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510
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2M2
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2u2
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22n
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12k
3613
10k
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BC848B
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16
3635
5k6
3617
1k
3632
1k
3630
100
2P51
3605
22k
2622
10n
3600
10k
3601
10k
2621
22n
2604
150u
3604
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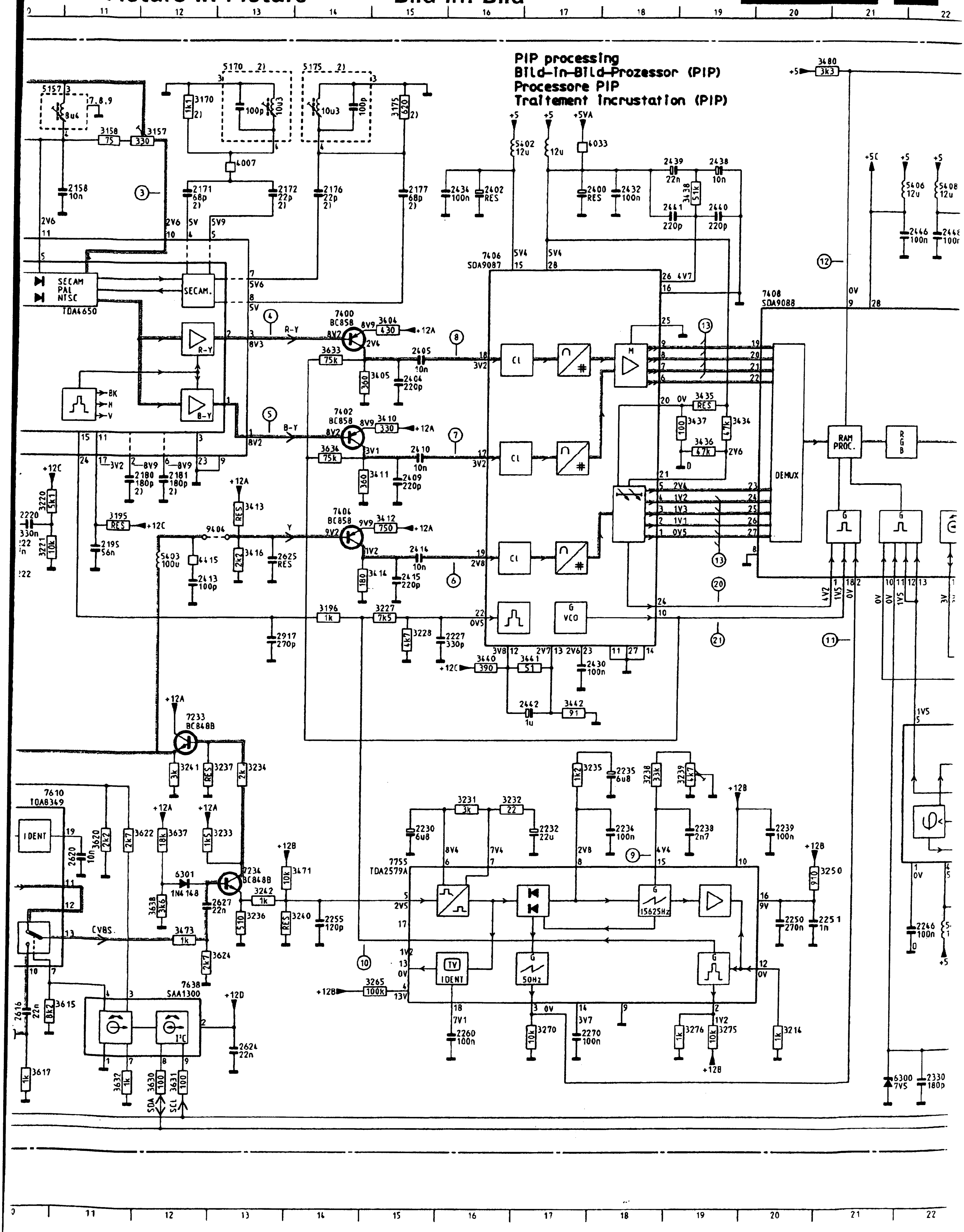
10S17
CVBS


PIP processing
Bild-in-Bild-Prozessor (PIP)
Processore PIP
Traitement incrustation (PIP)
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TDA2579A
7610
TDA8349
7638
SAA1300
TDA4650
SECAM
PAL
NTSC
SECAM.
R-Y
B-Y
BK
H
V
7400
BC858
7402
BC858
7404
BC858
7233
BC848B
7234
BC848B
6301
1N4148
6300
7V5
CL
M
DEMUX
RAM PROC.
R G B
VCO
IDENT
TV IDENT
50Hz
15625Hz
I²C
CVBS.
SDA
SCL
5170
5175
5157
4007
4033
4415
9404
3480
3k3
+5
+5V
+5VA
+12A
+12B
+12C
+12D
1
2
3
4
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6
7
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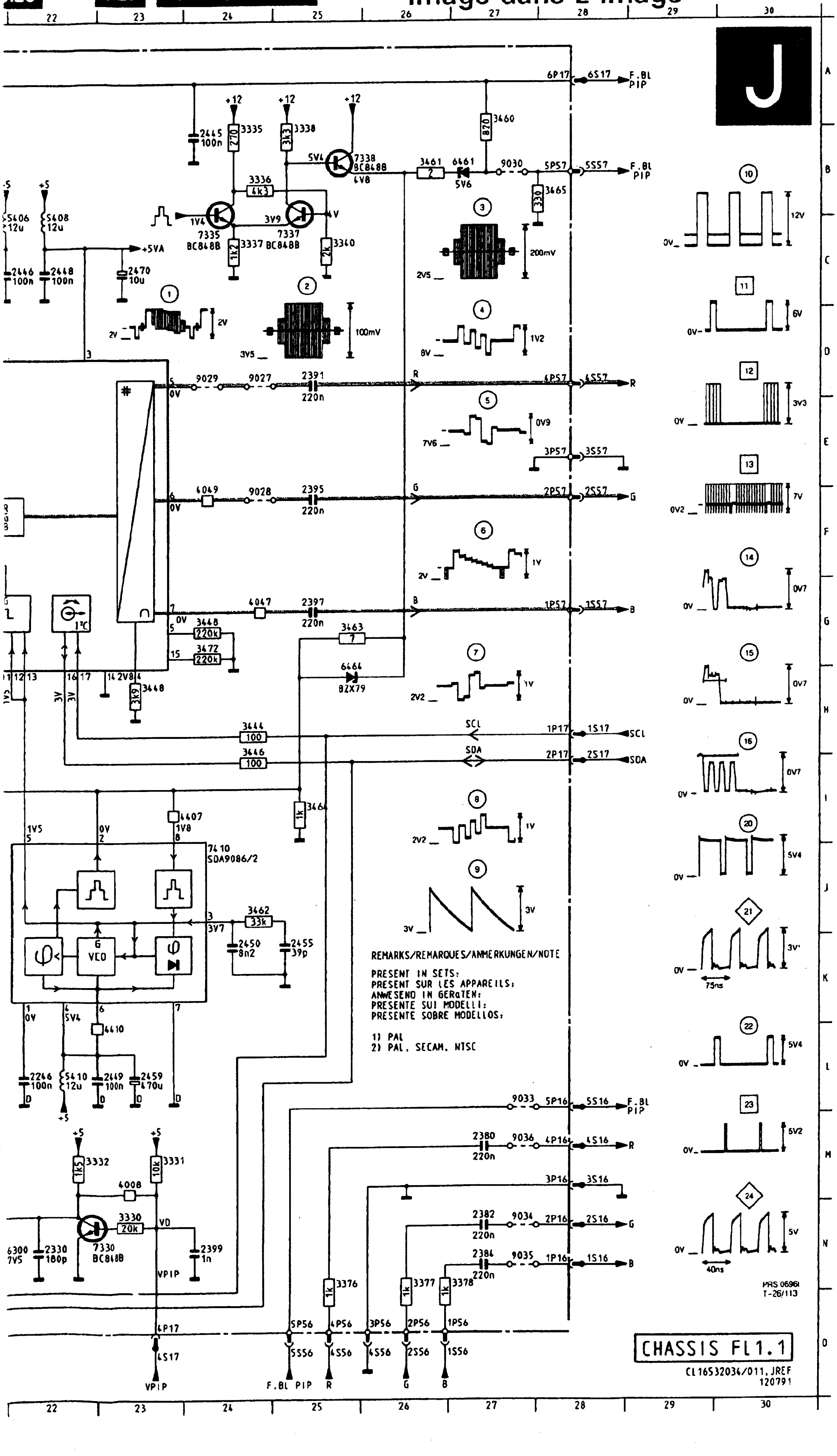
22

Image dans L'image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23
24
25
26
27
28
29
30
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6S17
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5P57
5S57
F.BL PIP
+12
+12
+12
2445
100n
3335
270
3338
3k3
7338
BC848B
5V4
4V8
3461
2
6461
5V6
9030
3460
820
3465
330
3336
4k3
1V4
3V9
4V
7335
BC848B
7337
BC848B
3337
1k2
3340
2k
+5
+5
5406
12u
5408
12u
2446
100n
2448
100n
+5VA
2470
10u
1
2V
2V
2
100mV
3V5
3
200mV
2V5
4
1V2
8V
5
0V9
7V6
6
1V
2V
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23
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0V
24
5V
0V
40ns
PRS 06961
T-26/113

REMARKS/REMARQUES/ANMERKUNGEN/NOTE

PRESENT IN SETS:
PRESENT SUR LES APPAREILS:
ANWESEND IN GERäTEN:
PRESENTE SUI MODELLI:
PRESENTE SOBRE MODELLOS:

1) PAL
2) PAL, SECAM, NTSC

CHASSIS FL1.1

CL 16532034/011. JREF
120791

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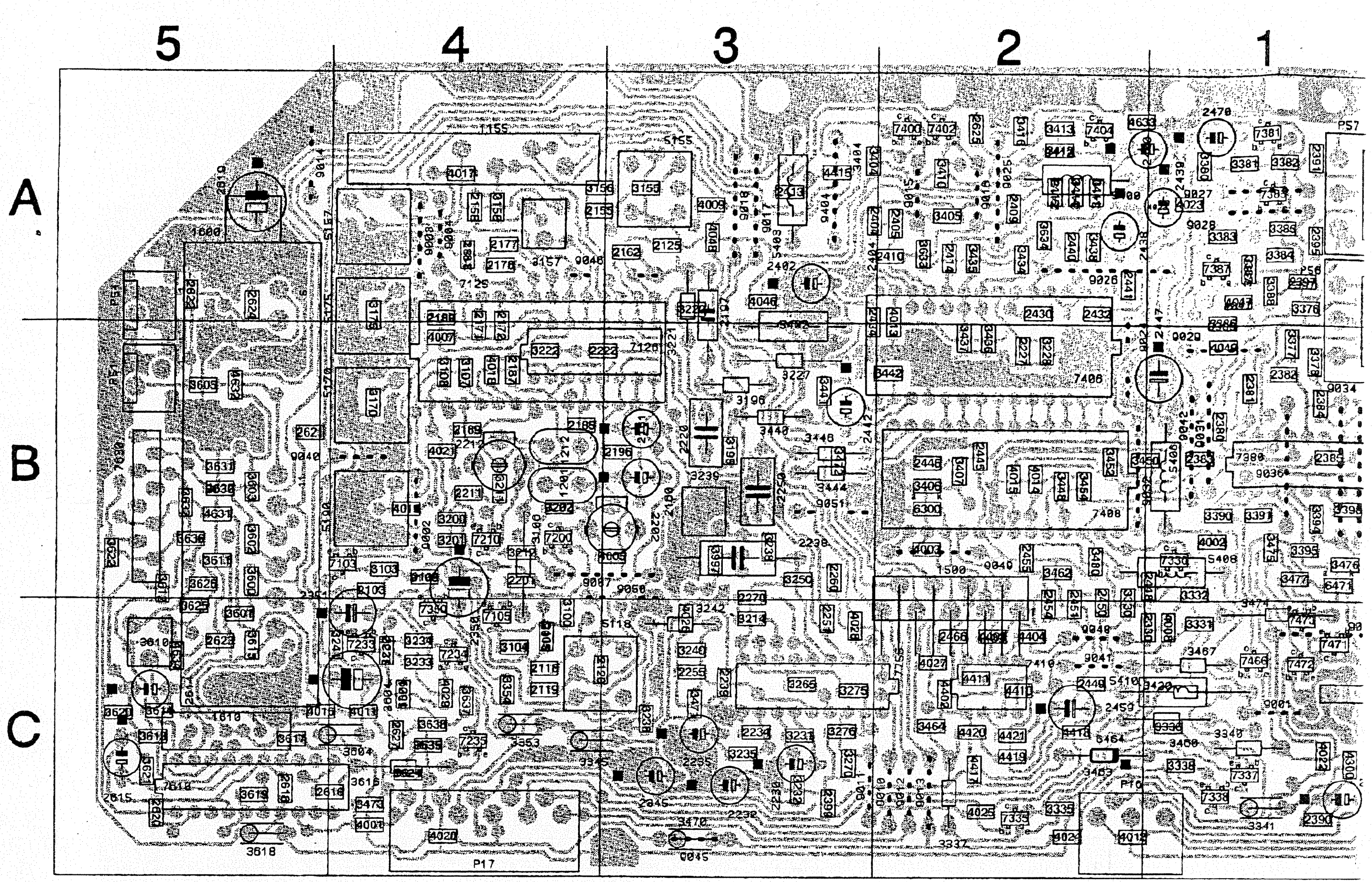
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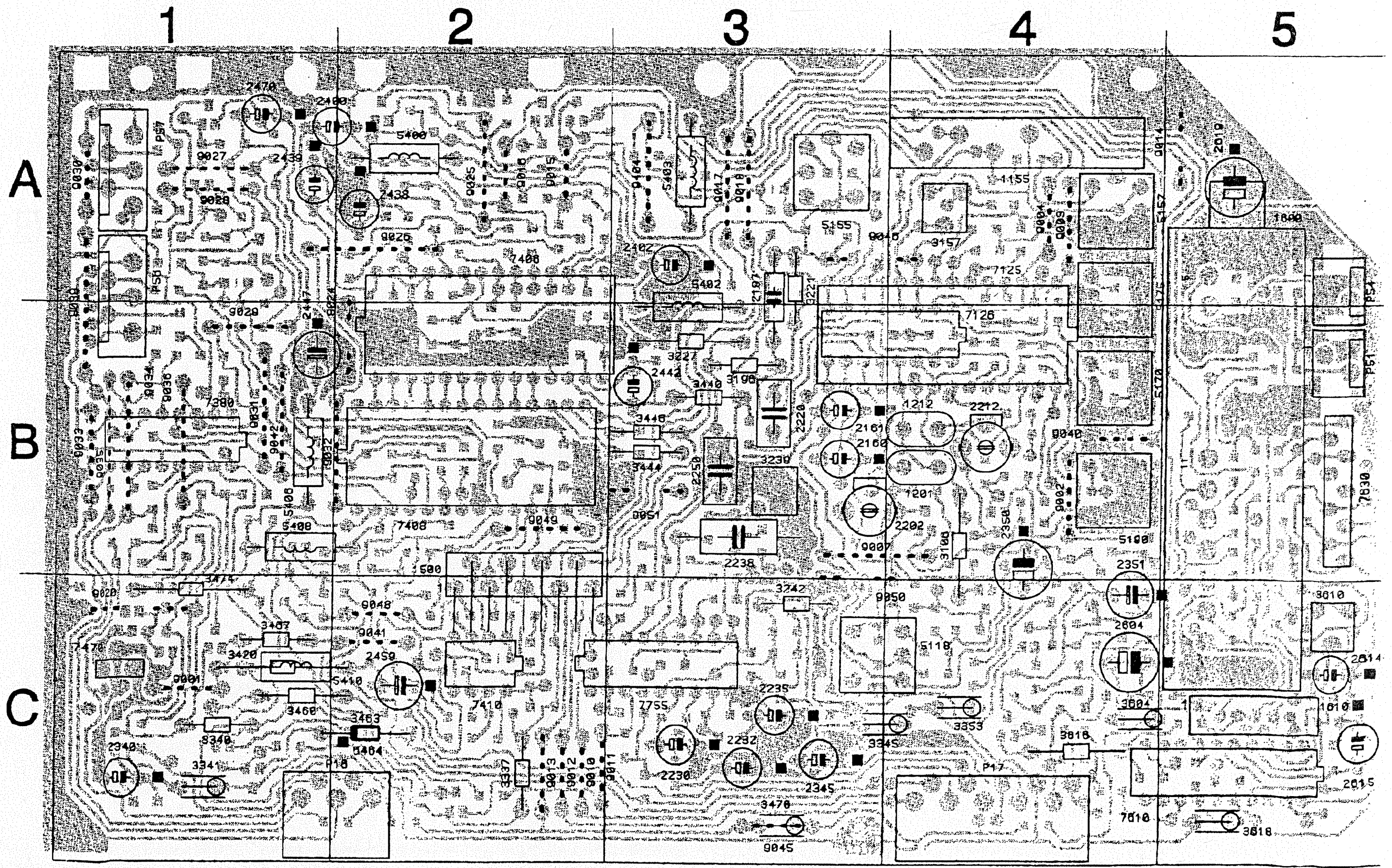
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2019
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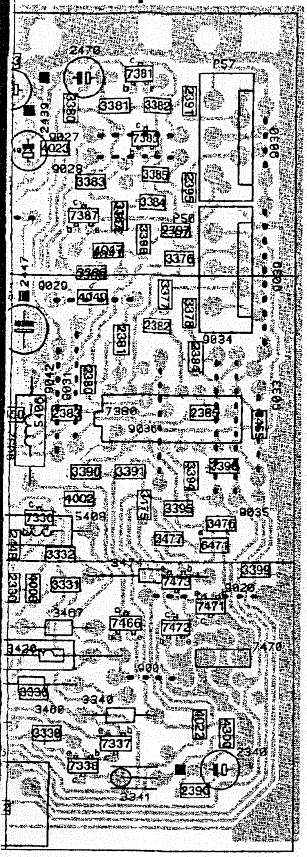

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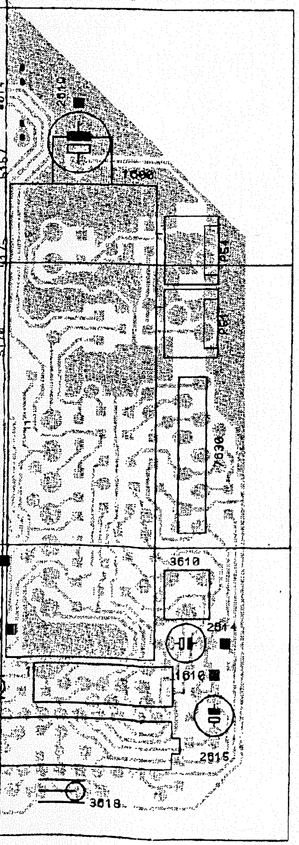

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4014	B2
4015	B2
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4018	B4
4019	B4
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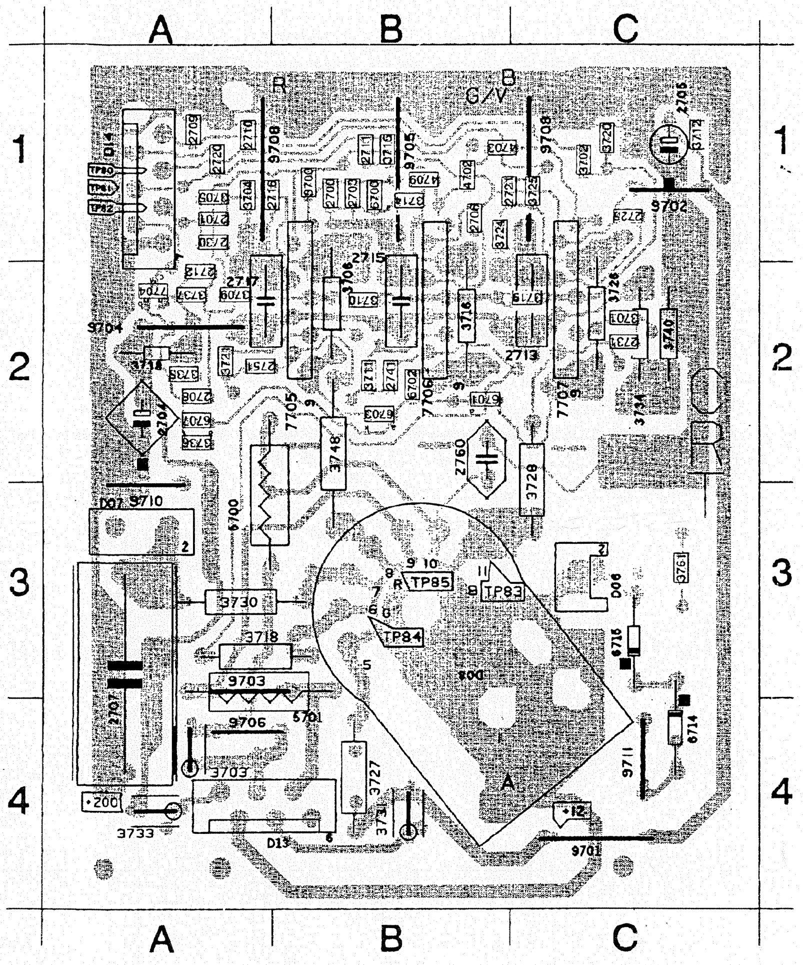
Picture tube panel / Bildröhren Platte /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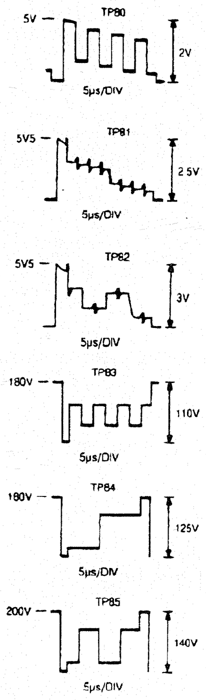

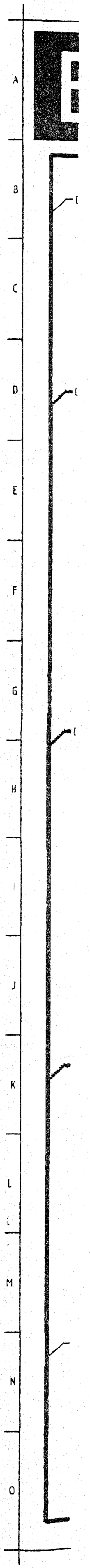
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J
K
L
M
N
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D13	A4
D14	A1
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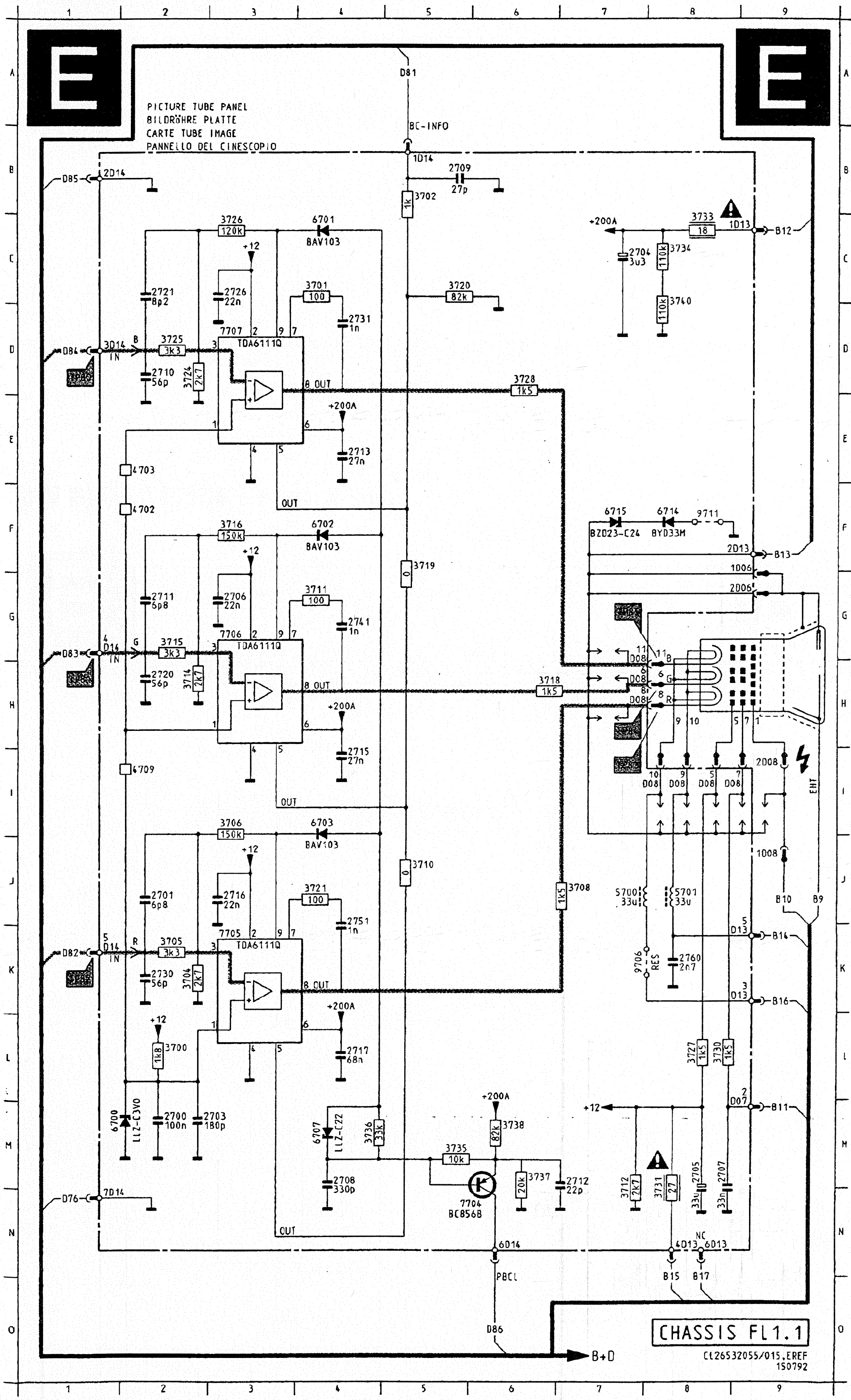
6.31 CHASSIS FL1.1 Platine TRC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D85 2D14
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+12
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3701 100
2731 1n
3720 82k
+200A
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B12
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3740 110k
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2708 330p
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6D14
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NC
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CHASSIS FL1.1
CL26532055/015.EREF
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A B C D E F G H I J K L M N O

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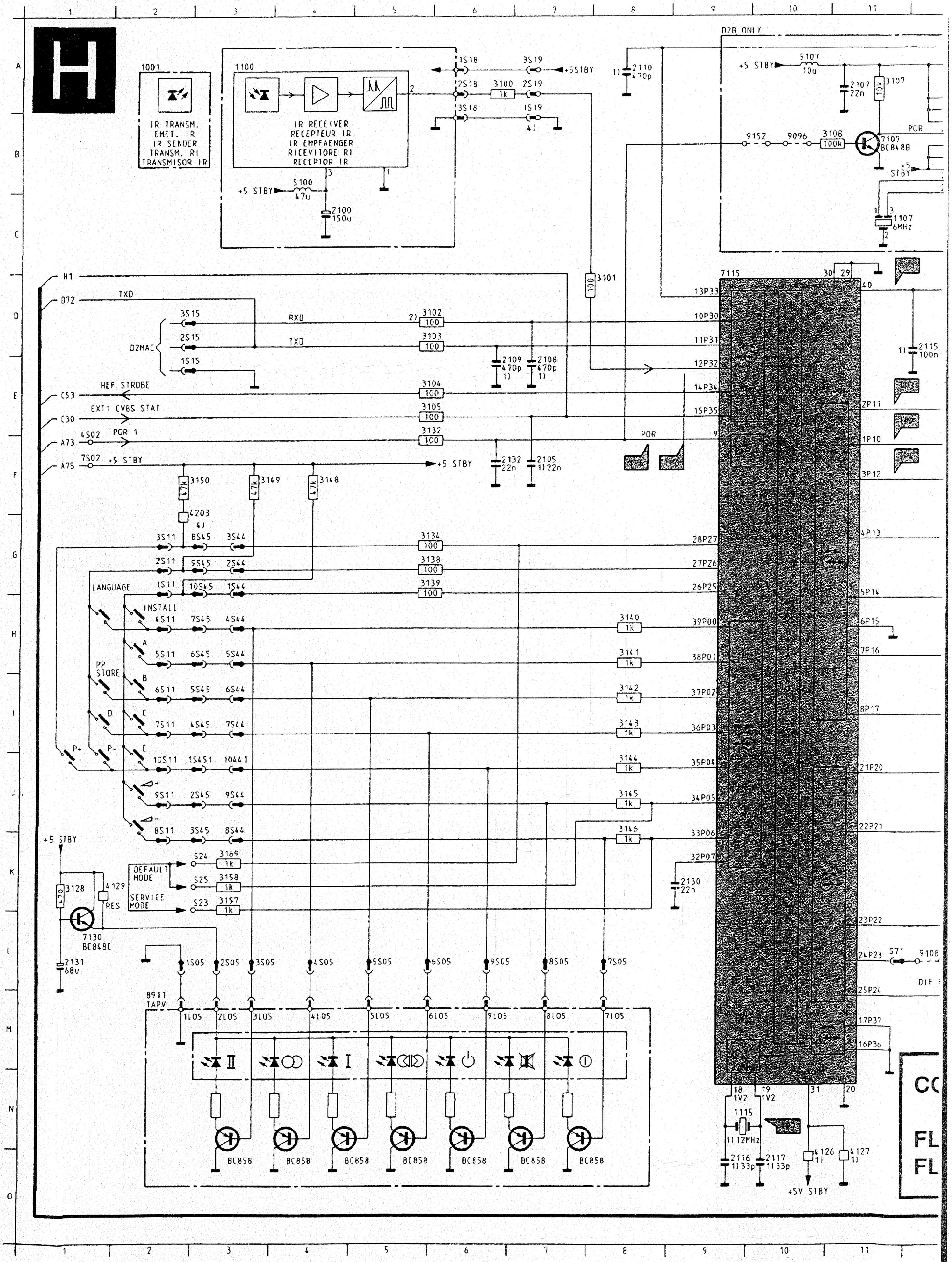
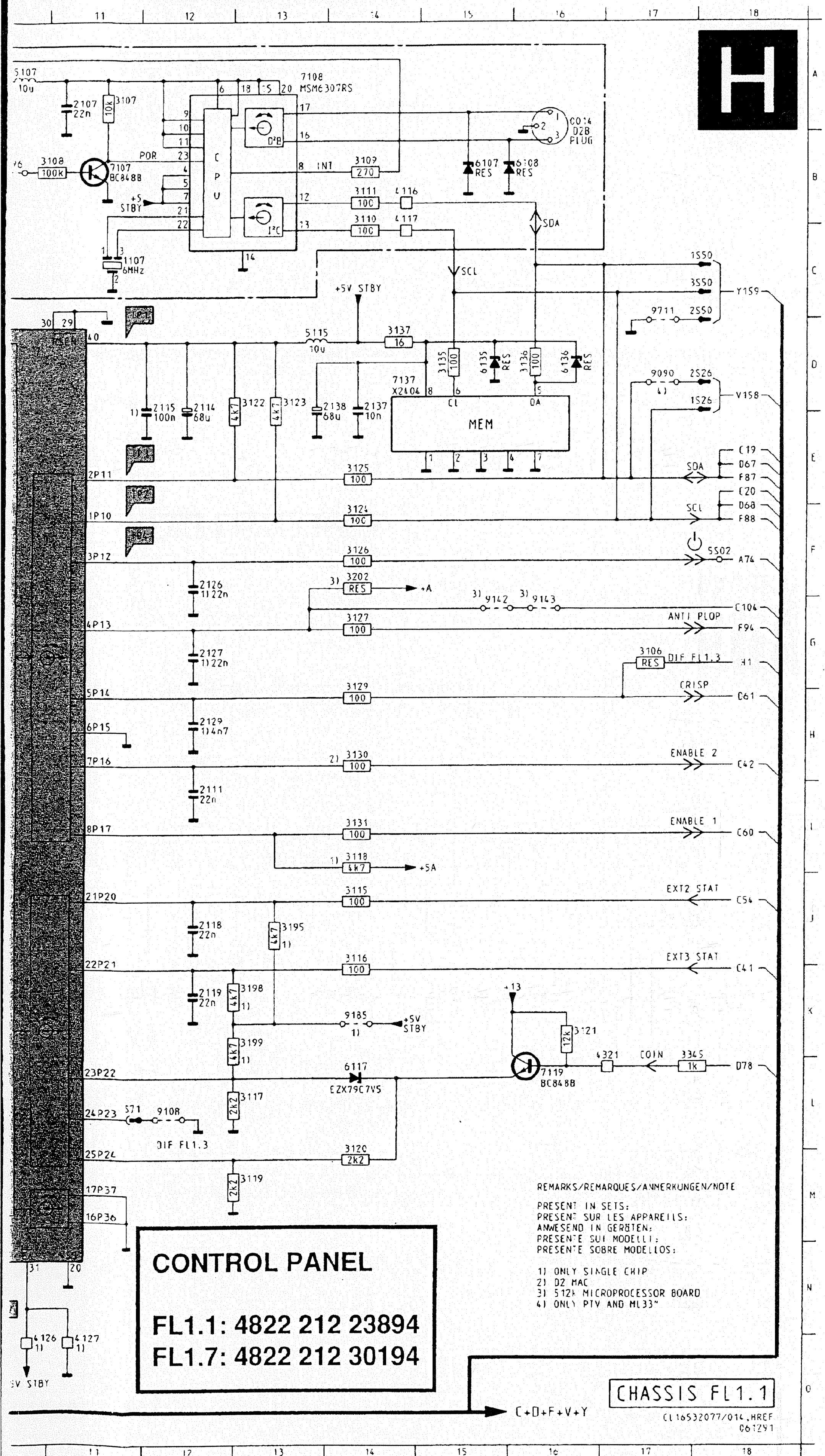
2701	J 2
2703	M 2
2704	C 7
2705	M 8
2706	G 3
2707	M 8
2708	M 4
2709	B 5
2710	D 2
2711	G 2
2712	M 7
2713	E 4
2715	I 4
2716	J 3
2717	L 4
2720	H 2
2721	C 2
2726	C 3
2730	K 2
2731	D 4
2741	G 4
2751	K 4
2760	K 8
3700	L 2
3701	C 4
3702	B 5
3704	K 2
3705	K 2
3706	I 3
3708	J 7
3710	J 5
3711	G 4
3712	M 7
3714	H 2
3715	G 2
3716	F 3
3718	H 6
3719	F 5
3720	C 5
3721	J 4
3724	D 2
3726	C 3
3727	L 8
3728	D 6
3730	L 8
3731	M 8
3733	C 8
3734	C 8
3735	M 5
3736	M 4
3737	M 6
3738	M 6
3740	C 8
4702	F 2
4703	E 2
4709	I 2
5700	J 7
5701	J 8
6700	M 1
6701	C 4
6702	F 4
6703	I 4
6707	M 4
6714	F 8
6715	F 7
7704	N 6
7705	K 3
7706	G 3
7707	D 3
9706	K 7
9711	F 8

Control / Bedienung / Commande


H
1001
IR TRANSM.
EMET. IR
IR SENDER
TRANSM. RI
TRANSMISOR IR
1100
IR RECEIVER
RECEPTEUR IR
IR EMPFAENGER
RICEVITORE RI
RECEPTOR IR
+5 STBY
5100 47u
2100 150u
1S18
2S18
3S18
3S19
2S19
1S19
3100 1k
+5STBY
2110 470p
D2B ONLY
5107 10u
2107 22n
3107 10k
9152
9096
3108 100k
7107 BC848B
POR
1107 6MHz
H1
D72
TXD
RXD
D2MAC
3S15
2S15
1S15
3101 100
3102 100
3103 100
2109 470p
2108 470p
HEF STROBE
C53
3104 100
EXT1 CVBS STAT
C30
3105 100
4S02
POR 1
A73
3132 100
7S02
+5 STBY
A75
2132 22n
2105 22n
3150 47k
3149 47k
3148 47k
4203
3S11
8S45
3S44
2S11
5S45
2S44
LANGUAGE
1S11
10S45
1S44
3134 100
3138 100
3139 100
INSTALL
4S11
7S45
4S44
A
5S11
6S45
5S44
PP STORE
B
6S11
5S45
6S44
D
C
7S11
4S45
7S44
P+
P-
E
10S11
15S51
10441
9S11
2S45
9S44
8S11
3S45
8S44
3140 1k
3141 1k
3142 1k
3143 1k
3144 1k
3145 1k
3146 1k
+5 STBY
DEFAULT MODE
SERVICE MODE
S24
S25
S23
3169 1k
3158 1k
3157 1k
3128 470
4129
RES
7130 BC848C
2131 68u
2130 22n
1S05
2S05
3S05
4S05
5S05
6S05
9S05
8S05
7S05
8911 TAPV
1L05
2L05
3L05
4L05
5L05
6L05
9L05
8L05
7L05
BC858
7115
13P33
10P30
11P31
12P32
14P34
15P35
28P27
27P26
26P25
39P00
38P01
37P02
36P03
35P04
34P05
33P06
32P07
30
29
40
2P11
1P10
3P12
4P13
5P14
6P15
7P16
8P17
21P20
22P21
23P22
24P23
25P24
17P37
16P36
2115 100n
S71
9108
DIF
18 1V2
19 1V2
31
20
1115 12MHz
2116 33p
2117 33p
4126
4127
+5V STBY
A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
1
2
3
4
5
6
7
8
9
10
11

CHASSIS FL1.1


11
12
13
14
15
16
17
18
H
5107
10u
2107
22n
3107
10k
7108
MSM6307RS
6
18
15
20
9
10
11
23
4
5
7
21
22
17
16
8
12
13
14
C
P
U
D²B
I²C
POR
3108
100k
7107
BC848B
+5
STBY
1107
6MHz
INT
3109
270
3111
100
4116
3110
100
4117
6107
RES
6108
RES
C014
D2B
PLUG
SDA
SCL
+5V STBY
1SS0
3SS0
9711
2SS0
Y159
9090
2S26
1S26
V158
5115
10u
3137
16
3135
100
6135
RES
3136
100
6136
RES
7137
X2404
MEM
CL
DA
2115
100n
2114
68u
3122
4k7
3123
4k7
2138
68u
2137
10n
30
29
40
2P11
3125
100
SDA
C19
D67
F87
C20
D68
F88
1P10
3124
100
SCL
3P12
3126
100
SS02
A74
2126
22n
3202
RES
+A
9142
9143
C104
4P13
3127
100
ANTI PLOP
F94
2127
22n
3106
RES
DIF FL1.3
H1
5P14
3129
100
CRISP
C61
2129
4n7
6P15
7P16
3130
100
ENABLE 2
C42
2111
22n
8P17
3131
100
ENABLE 1
C60
3118
4k7
+5A
21P20
3115
100
EXT2 STAT
C54
2118
22n
3195
4k7
22P21
3116
100
EXT3 STAT
C41
2119
22n
3198
4k7
9185
+5V
STBY
+13
3121
12k
3199
4k7
4321
COIN
3345
1k
D78
23P22
6117
EZX79C7V5
7119
BC848B
24P23
S71
9108
3117
2k2
DIF FL1.3
25P24
3120
2k2
3119
2k2
17P37
16P36
31
20
4126
4127
5V STBY
C+D+F+V+Y
CL 16532077/014.HREF
061291
A
B
C
D
E
F
G
H
I
J
K
L
M
N
O

CONTROL PANEL

FL1.1: 4822 212 23894
FL1.7: 4822 212 30194

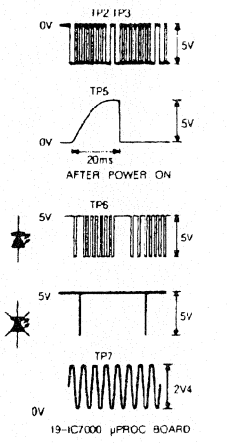
REMARKS/REMARQUES/ANMERKUNGEN/NOTE

PRESENT IN SETS:
PRESENT SUR LES APPAREILS:
ANWESEND IN GERÄTEN:
PRESENTE SUI MODELLI:
PRESENTE SOBRE MODELLOS:

1) ONLY SINGLE CHIP
2) D2 MAC
3) 512k MICROPROCESSOR BOARD
4) ONLY PTV AND ML33"

CHASSIS FL1.1

0014	A15
1001	A 2
1100	A 3
1107	C11
1115	N 9
2100	C 4
2105	F 7
2107	A11
2108	E 7
2109	E 6
2110	A 3
2111	I12
2114	D12
2115	D12
2116	D 9
2117	D10
2118	J12
2119	K12
2126	F12
2127	G12
2129	H12
2130	K 9
2131	L 1
2132	F 6
2137	D14
2138	D13
3100	A 6
3101	D 8
3102	D 5
3103	D 5
3104	E 5
3105	E 5
3106	G17
3107	A11
3108	B11
3109	B14
3110	B14
3111	B14
3115	J14
3116	J14
3117	L13
3118	I14
3119	M13
3120	M14
3121	K16
3122	D13
3123	D13
3124	F14
3125	E14
3126	F14
3127	G14
3128	K 1
3129	H14
3130	H14
3131	I14
3132	F 5
3134	G 5
3135	D15
3136	D16
3137	D14
3138	G 5
3139	G 5
3140	H 8
3141	H 8
3142	I 8
3143	I 8
3144	J 8
3145	J 8
3146	K 8
3148	F 4
3149	F 3
3150	F 2
3157	K 3
3158	K 3
3169	K 3
3195	J13
3198	K13
3199	K13
3202	F14
3345	L17
4116	B14
4117	B14
4126	D10
4127	D11
4129	K 1
4203	G 2
4321	L17
5100	B 4
5107	A10
5115	D13
6107	B15
6108	B16
6117	L14
6135	D15
6136	D16
7107	B11
7108	A13
7119	L16
7130	L 1
7137	D14
8911	M 2
9090	D17
9096	B10
9108	L12
9142	G15
9143	G16
9152	B10
9185	K14
9711	C17

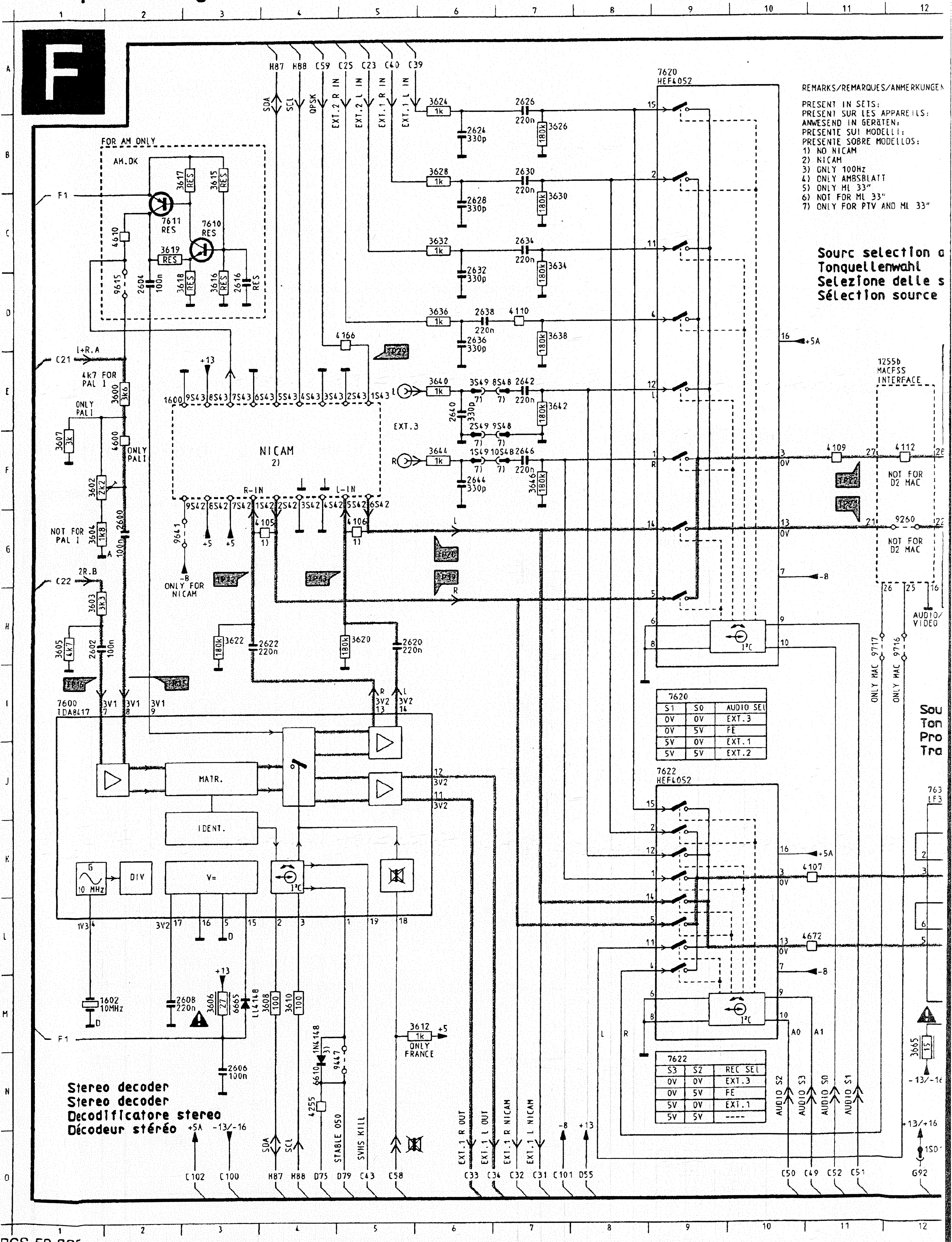


19-IC7000 µPROC BOARD

PRS 06956
T-26/'13

Audio processing

Ton Verarbeitung


F
1 2 3 4 5 6 7 8 9 10 11 12
A B C D E F G H I J K L M N O
H87 H88 C59 C25 C23 C40 C39
SDA SCL QPSK EXT.2 R IN EXT.2 L IN EXT.1 R IN EXT.1 L IN
3624 1k 2626 220n 2624 330p 3626 180k
3628 1k 2630 220n 2628 330p 3630 180k
3632 1k 2634 220n 2632 330p 3634 180k
3636 1k 2638 220n 4110 2636 330p 3638 180k
3640 1k 3S49 8S48 2642 220n 2640 330p 3642 180k
2S49 9S48
3644 1k 1S49 10S48 2646 220n 2644 330p 3646 180k
EXT.3 L R
7620 HEF4052
FOR AM ONLY
AM.DK
3617 RES 3615 RES
7611 RES 7610 RES
3619 RES
3618 RES 3616 RES 2616 RES
4610 9615 2604 100n
F1
I+R.A C21
4k7 FOR PAL I
3600 3k6
ONLY PAL I
3607 3k
4600 ONLY PAL I
3602 2k2
NOT FOR PAL I
3604 1k8
2600 100n
2R.B C22
3603 3k3
3605 4k7
2602 100n
4166
1600 9S43 8S43 7S43 6S43 5S43 4S43 3S43 2S43 1S43
NICAM 2)
R-IN L-IN
9S42 8S42 7S42 1S42 2S42 3S42 4S42 5S42 6S42
4105 1) 4106 1)
9641 +5 +5 -8
ONLY FOR NICAM
3622 180k 2622 220n
3620 180k 2620 220n
R 3V2 13 L 3V2 14
7600 TDA8417
3V1 7 3V1 8 3V1 9
MATR.
IDENT.
G 10 MHz
DIV
V=
I²C
12 3V2 11 3V2
1V3 4 3V2 17 16 5 15 2 3 1 19 18
1602 10MHz
2608 220n
+13
3606 27
6665
1N4148
3608 100
3610 100
2606 100n
1N4148 6610
9447 3)
4255
3612 1k +5 ONLY FRANCE
F1
+5A -13/-16
SDA SCL STABLE 050 SVHS KILL
C102 C100 H87 H88 D75 D79 C43 C58
EXT.1 R OUT EXT.1 L OUT EXT.1 R NICAM EXT.1 L NICAM
-8 +13
C33 C34 C32 C31 C101 D55
15 2 11 4 12 1 14 5 6 8
16 +5A
3 0V 13 0V 7 -8 9 10
1255b MACFSS INTERFACE
4109 27 4112 28
NOT FOR D2 MAC
21 9260 22
NOT FOR D2 MAC
26 25 16
AUDIO/VIDEO
ONLY MAC 9717 ONLY MAC 9716
7622 HEF4052
15 2 12 1 14 5 11 4 6 8
16 +5A
3 0V 4107
13 0V 4672
7 -8
9 10
L R
A0 A1
AUDIO S2 AUDIO S3 AUDIO S0 AUDIO S1
C50 C49 C52 C51
763 LF3
2 3 6 5
3665 15
-13/-16
+13/+16
1S0
G92

REMARKS/REMARQUES/ANMERKUNGEN

PRESENT IN SETS:
PRESENT SUR LES APPAREILS:
ANWESEND IN GERäTEN:
PRESENTE SUI MODELLI:
PRESENTE SOBRE MODELLOS:
1) NO NICAM
2) NICAM
3) ONLY 100Hz
4) ONLY AMBSBLATT
5) ONLY ML 33"
6) NOT FOR ML 33"
7) ONLY FOR PTV AND ML 33"

Sourc selection a
Tonquellenwahl
Selezione delle s
Sélection source

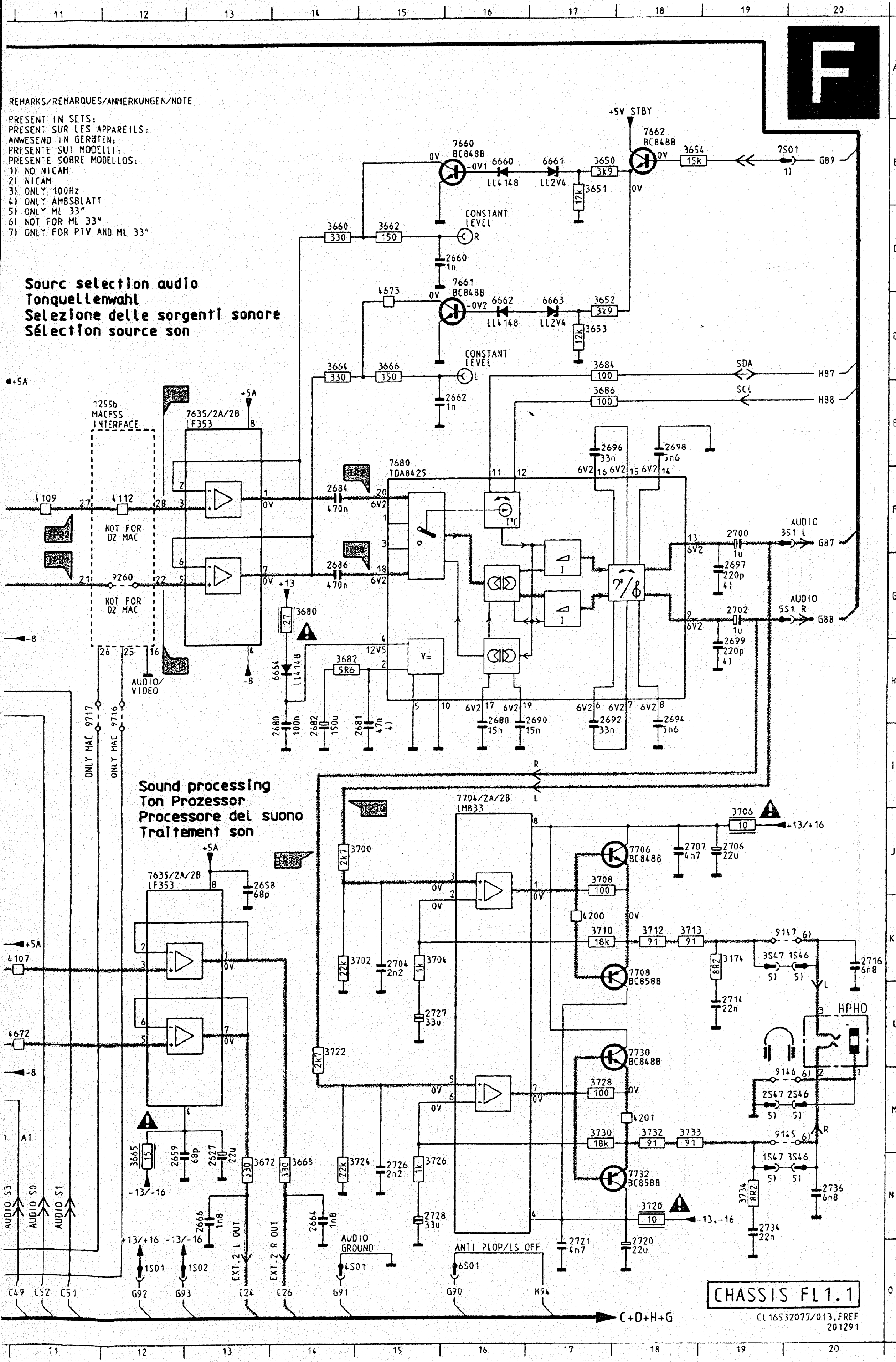
7620		
S1	S0	AUDIO SEL
0V	0V	EXT.3
0V	5V	FE
5V	0V	EXT.1
5V	5V	EXT.2

7622		
S3	S2	REC SEL
0V	0V	EXT.3
0V	5V	FE
5V	0V	EXT.1
5V	5V	----

Stereo decoder
Stereo decoder
Decodificatore stereo
Décodeur stéréo

Sou
Ton
Pro
Tra

Traitement audio



REMARKS/REMARQUES/ANMERKUNGEN/NOTE

PRESENT IN SETS:
PRESENT SUR LES APPAREILS:
ANWESEND IN GERäTEN:
PRESENTE SUI MODELLI:
PRESENTE SOBRE MODELLOS:
1) NO NICAM
2) NICAM
3) ONLY 100Hz
4) ONLY AMBSBLATT
5) ONLY ML 33"
6) NOT FOR ML 33"
7) ONLY FOR PTV AND ML 33"

Sourc selection audio
Tonquellenwahl
Selezione delle sorgenti sonore
Sélection source son

Sound processing
Ton Prozessor
Processore del suono
Traitement son

CHASSIS FL1.1

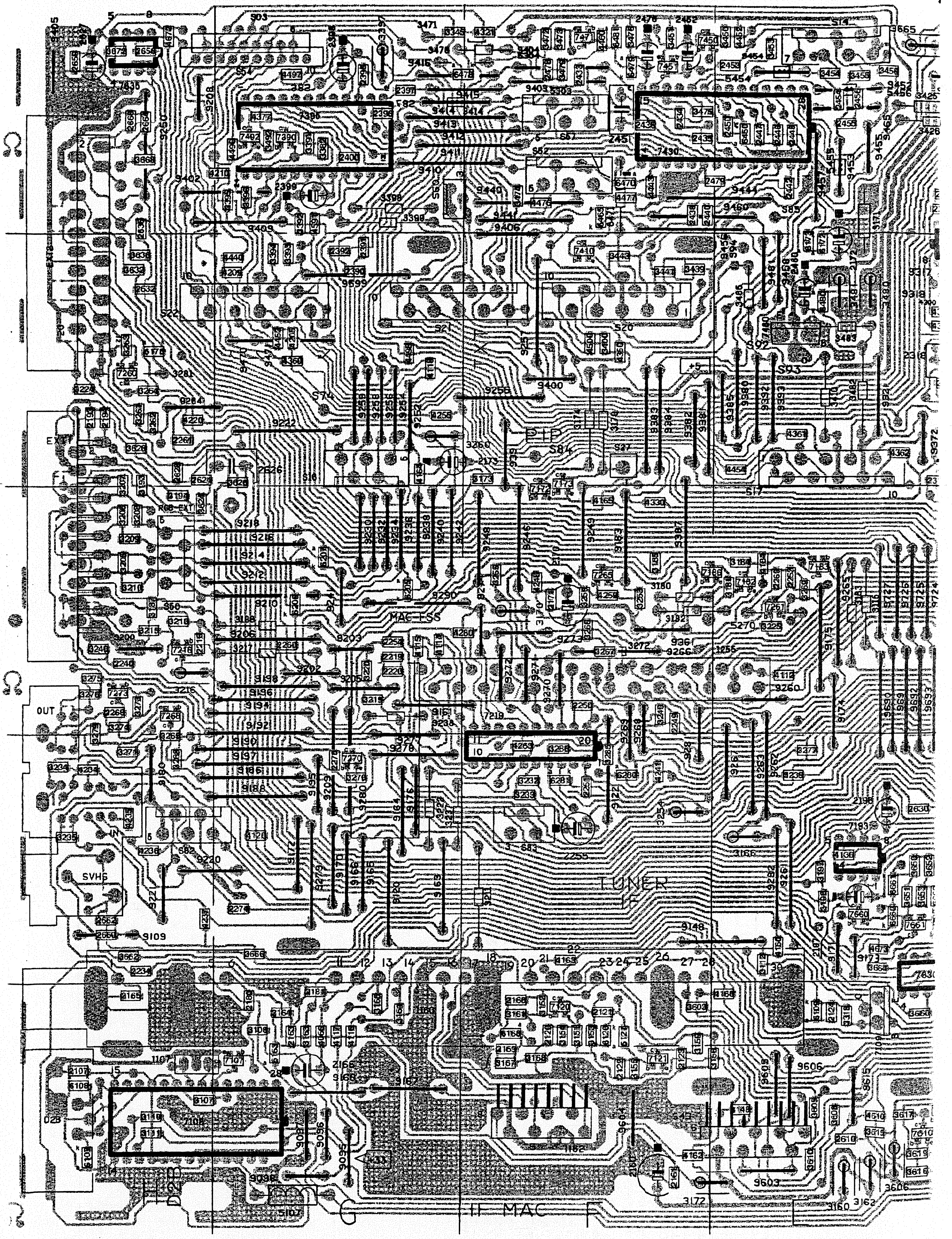
CL 16532077/013.FREF
201291

F
11
12
13
14
15
16
17
18
19
20
A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
+5V STBY
7660
BC848B
0V
0V1
6660
LL4148
6661
LL2V4
3650
3k9
3651
12k
7662
BC848B
3654
15k
7S01
1)
G89
CONSTANT LEVEL
R
3660
330
3662
150
2660
1n
4673
7661
BC848B
0V2
6662
LL4148
6663
LL2V4
3652
3k9
3653
12k
3664
330
3666
150
L
2662
1n
3684
100
SDA
H87
3686
100
SCL
H88
+5A
1255b
MACFSS
INTERFACE
7635/2A/2B
LF353
7680
TDA8425
2684
470n
2686
470n
6V2
2696
33n
2698
5n6
4109
4112
NOT FOR D2 MAC
9260
+13
3680
27
6664
LL4148
3682
5R6
12V5
V=
2680
100n
2682
150u
2681
47n
2688
15n
2690
15n
2692
33n
2694
5n6
AUDIO 3S1 L
2700
1u
2697
220p
4)
G87
AUDIO 5S1 R
2702
1u
2699
220p
G88
-8
AUDIO/VIDEO
ONLY MAC 9717
ONLY MAC 9716
7704/2A/2B
LM833
3706
10
+13/+16
3700
2k7
7706
BC848B
2707
4n7
2706
22u
3708
100
4200
3710
18k
3712
91
3713
91
9147 6)
3S47 1S46
5)
2716
6n8
3174
8R2
2714
22n
7708
BC858B
3702
22k
2704
2n2
3704
1k
2727
33u
HPHO
3722
2k7
7730
BC848B
9146 6)
2S47 2S46
3728
100
4201
9145 6)
3730
18k
3732
91
3733
91
1S47 3S46
2736
6n8
7732
BC858B
3734
8R2
2734
22n
3720
10
-13,-16
4107
4672
A1
3665
15
-13/-16
2659
68p
2627
22u
2658
68p
3672
330
3668
330
3724
22k
2726
2n2
3726
1k
2728
33u
2666
1n8
2664
1n8
AUDIO S3
AUDIO S0
AUDIO S1
+13/+16
-13/-16
1S01
1S02
EXT.2 L OUT
EXT.2 R OUT
AUDIO GROUND
4S01
ANTI PLOP/LS OFF
6S01
2721
4n7
2720
22u
C49
C52
C51
G92
G93
C24
C26
G91
G90
H94
C+D+H+G

1255	E11	3730	M17
1600	E 2	3732	M18
1602	M 1	3733	M18
2600	G 2	3734	N19
2602	H 1	4105	G 4
2604	D 2	4106	G 5
2606	N 3	4107	K11
2608	M 2	4109	F11
2616	D 3	4110	D 7
2620	H 5	4112	F12
2622	H 3	4166	D 5
2624	B 6	4200	K17
2626	A 7	4201	M18
2627	M13	4255	N 4
2628	C 6	4600	F 2
2630	B 7	4610	C 2
2632	D 6	4672	L11
2634	C 7	4673	C15
2636	D 6	6610	N 4
2638	D 6	6660	B16
2640	E 6	6661	B17
2642	E 7	6662	D16
2644	F 6	6663	D17
2646	F 7	6664	H14
2658	J13	6665	M 3
2659	M12	7600	I 1
2660	C16	7610	C 3
2662	E16	7611	C 2
2664	N14	7620	A 9
2666	N13	7622	J 9
2680	H14	7635	E12
2681	H15	7635	J12
2682	H14	7660	B16
2684	F14	7661	C16
2686	G14	7662	B18
2688	H16	7680	E15
2690	H16	7704	I16
2692	H17	7706	J18
2694	H18	7708	K18
2696	E17	7730	L18
2697	G19	7732	N18
2698	E18	9145	M20
2699	H19	9146	M20
2700	F19	9147	K20
2702	G19	9260	G12
2704	K15	9447	N 5
2706	J19	9615	D 2
2707	J18	9641	G 2
2714	L19	9716	H12
2716	K20	9717	H11
2720	O18		
2721	O17		
2726	N15		
2727	L15		
2728	N15		
2734	N19		
2736	N20		
3174	K19		
3600	E 2		
3602	F 1		
3603	H 1		
3604	G 1		
3605	H 1		
3606	M 3		
3607	F 1		
3608	M 4		
3610	M 4		
3612	M 6		
3615	B 3		
3616	D 3		
3617	B 3		
3618	D 3		
3619	C 2		
3620	H 5		
3622	H 3		
3624	A 6		
3626	B 7		
3628	B 6		
3630	C 7		
3632	C 6		
3634	C 7		
3636	D 6		
3638	D 7		
3640	E 6		
3642	E 7		
3644	F 6		
3646	F 7		
3650	B17		
3651	B17		
3652	D17		
3653	D17		
3654	B18		
3660	C14		
3662	C15		
3664	D14		
3665	M12		
3666	D15		
3668	N14		
3672	N13		
3680	G14		
3682	H14		
3684	D17		
3686	E17		
3700	J14		
3702	K14		
3704	K15		
3706	J19		
3708	J17		
3710	K17		
3712	K18		
3713	K18		
3720	N18		
3722	L14		
3724	N14		
3726	N15		
3728	M17		

Small signal panel

Klein-signal Platte


EXT 1
EXT 2
OUT
IN
SVHS
RGB-EXT
MAC-FSS
PIP
TUNER
IF
IF MAC
+5
S03
S14
S20
S21
S22
S27
S50
S52
S57
S74
S82
S83
S84
S85
S92
S93
S94
7430
7390
7100
7720
7721
9109
9148
9160
9162
9167
9603
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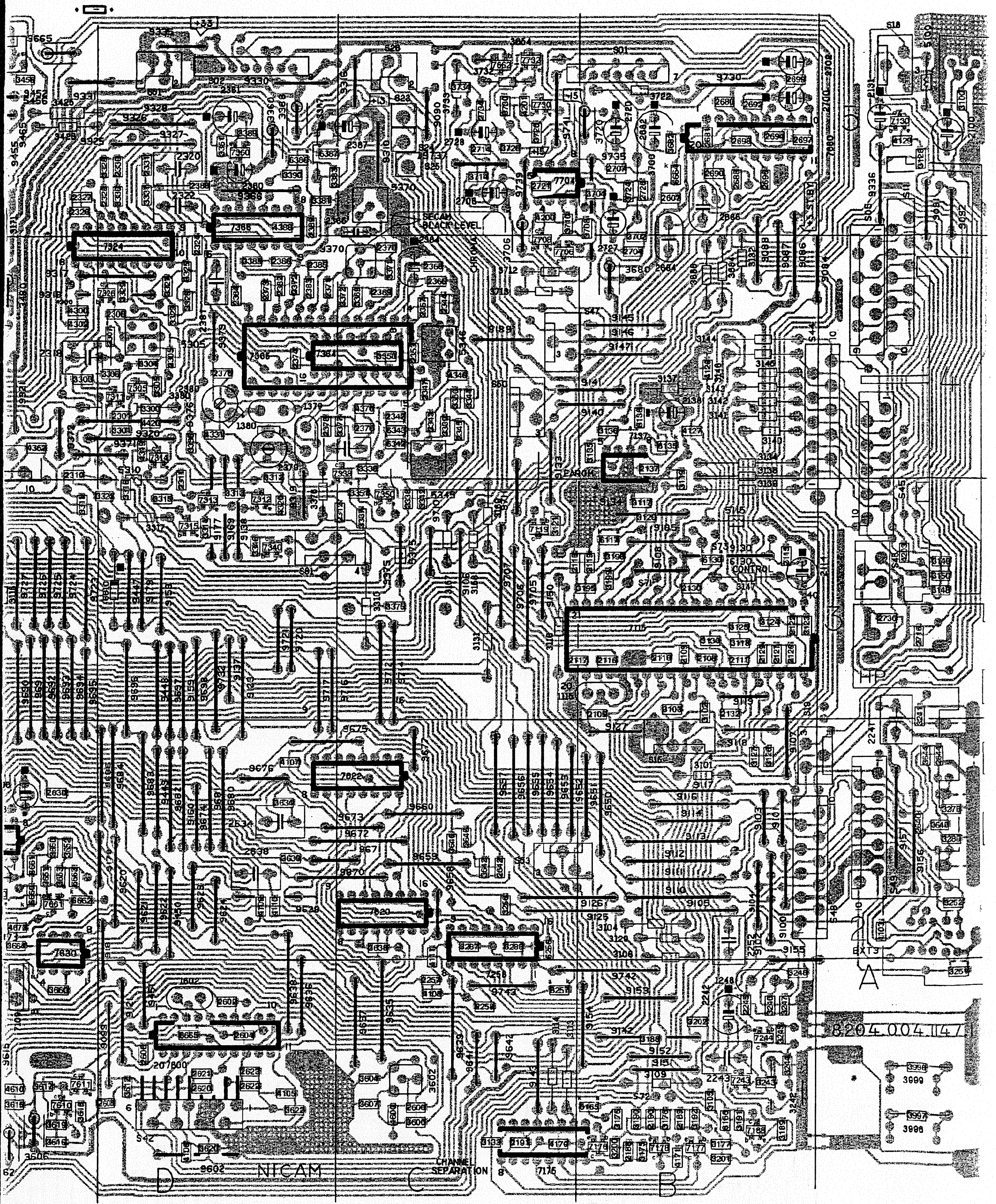
Platine à petite signaux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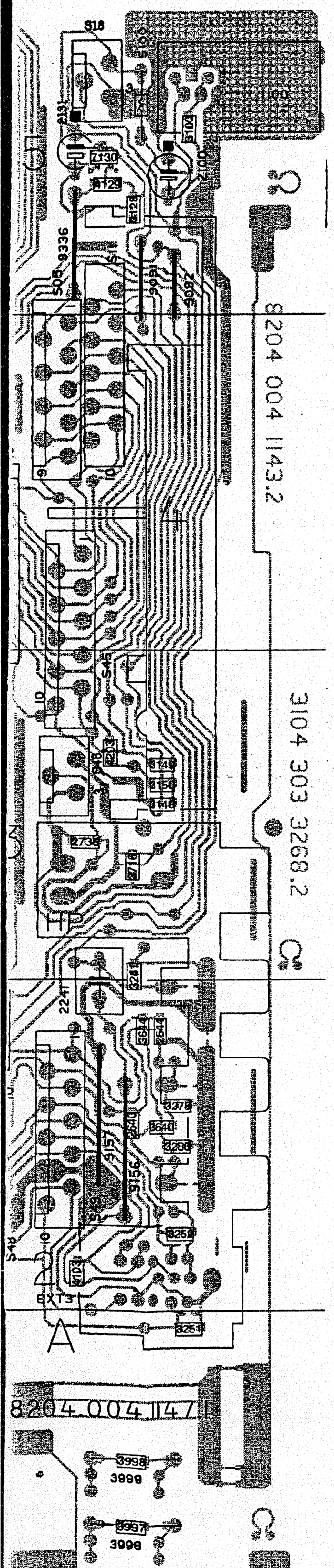

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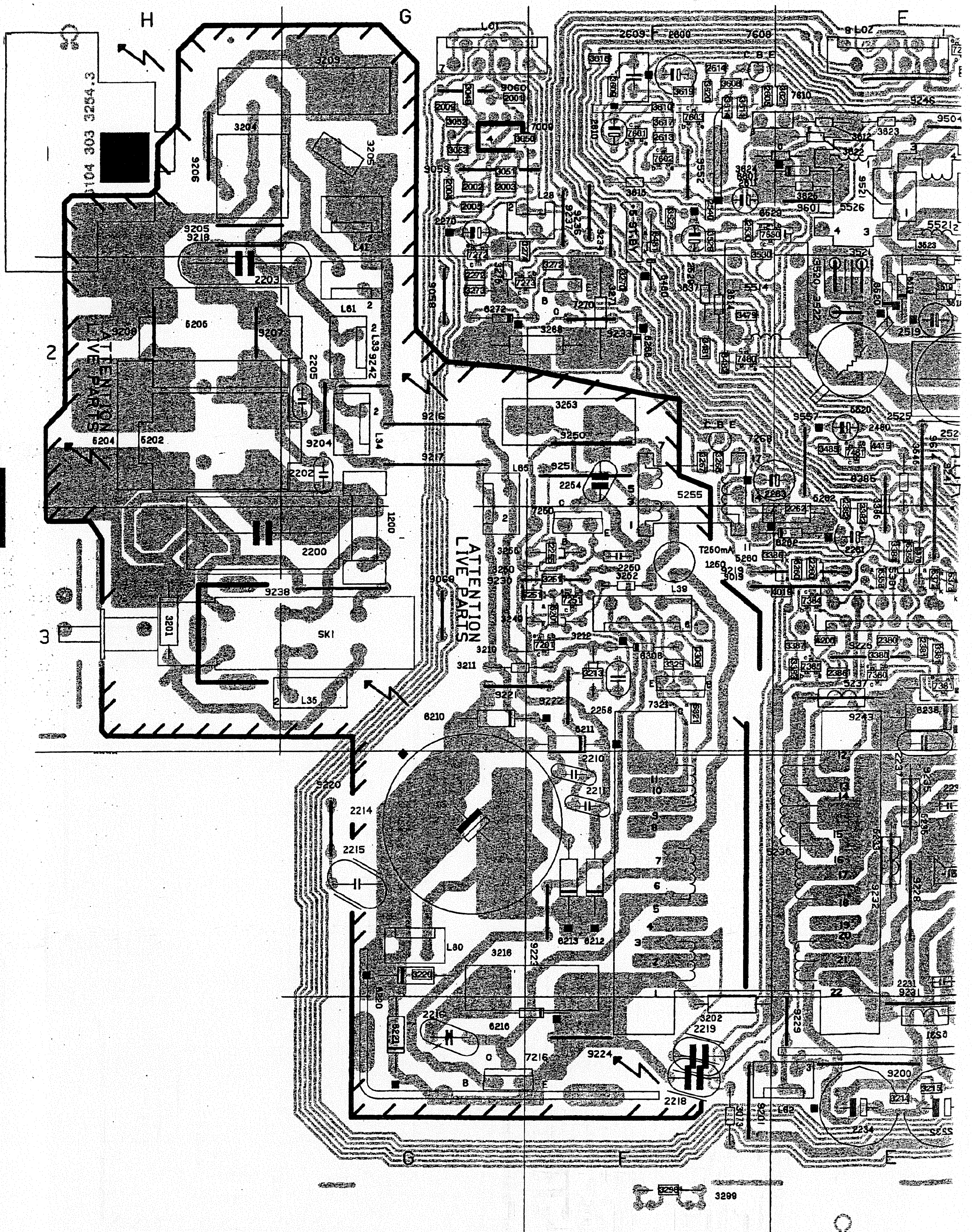
Large signal panel

Großsig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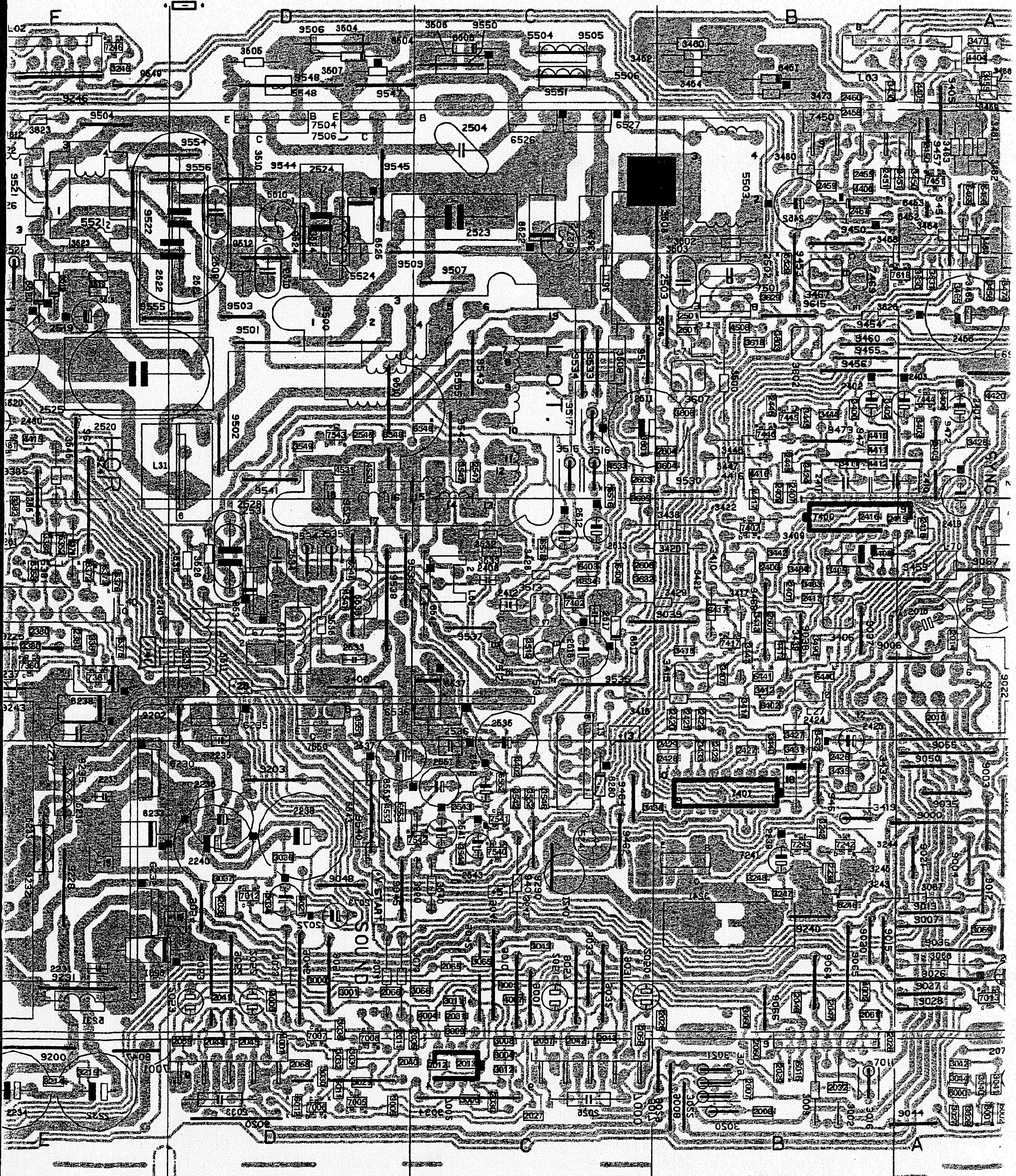
Großsignal Platine

Platine à grande signaux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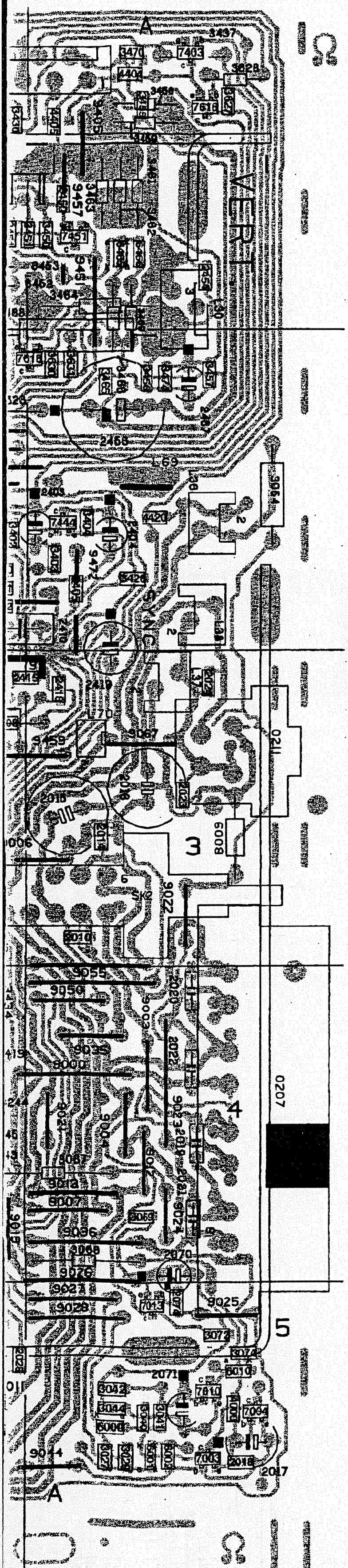

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2427	B4
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2429	B4
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2454	A1
2455	B1
2456	A2
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2459	B1
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2518	C3
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2522	D1
2523	C1
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3073	F5
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3315	H5
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3383	E3
3384	E3
3385	E2
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3387	E3
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3405	B3
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9010	C5
9012	A4
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9045	D4
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9052	D4
9053	D5
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9055	A4
9056	A3
9057	C5
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9059	G1
9060	G1
9064	B5
9065	B4
9066	B5
9067	A3
9068	G3
9200	E5
9201	F5
9202	D3
9203	D4
9204	G2
9205	H1
9206	H1
9207	H2
9208	H2
9216	G2
9217	G2
9218	H1
9219	E3
9220	G4
9221	G3
9222	F3
9223	F4
9224	F5
9225	E3
9228	E4
9229	E5
9230	F3
9231	E5
9232	E4
9233	F2
9234	F1
9235	E4
9236	F1
9237	F1
9238	G3
9240	B4
9241	E3
9242	G2
9243	E3
9246	E1
9250	F2
9251	F2
9290	C4
9300	H5
9302	H4
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9401	C4
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9450	B1
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9454	B2
9455	B2
9456	B2
9457	A1
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9460	B2
9461	B4
9462	C4
9464	C4
9468	B3
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9500	D2
9501	D2
9502	D2
9503	D2
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9506	D1
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9512	D2
9521	E1
9522	E1
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9549	E1
9550	C1
9551	C1
9552	F1
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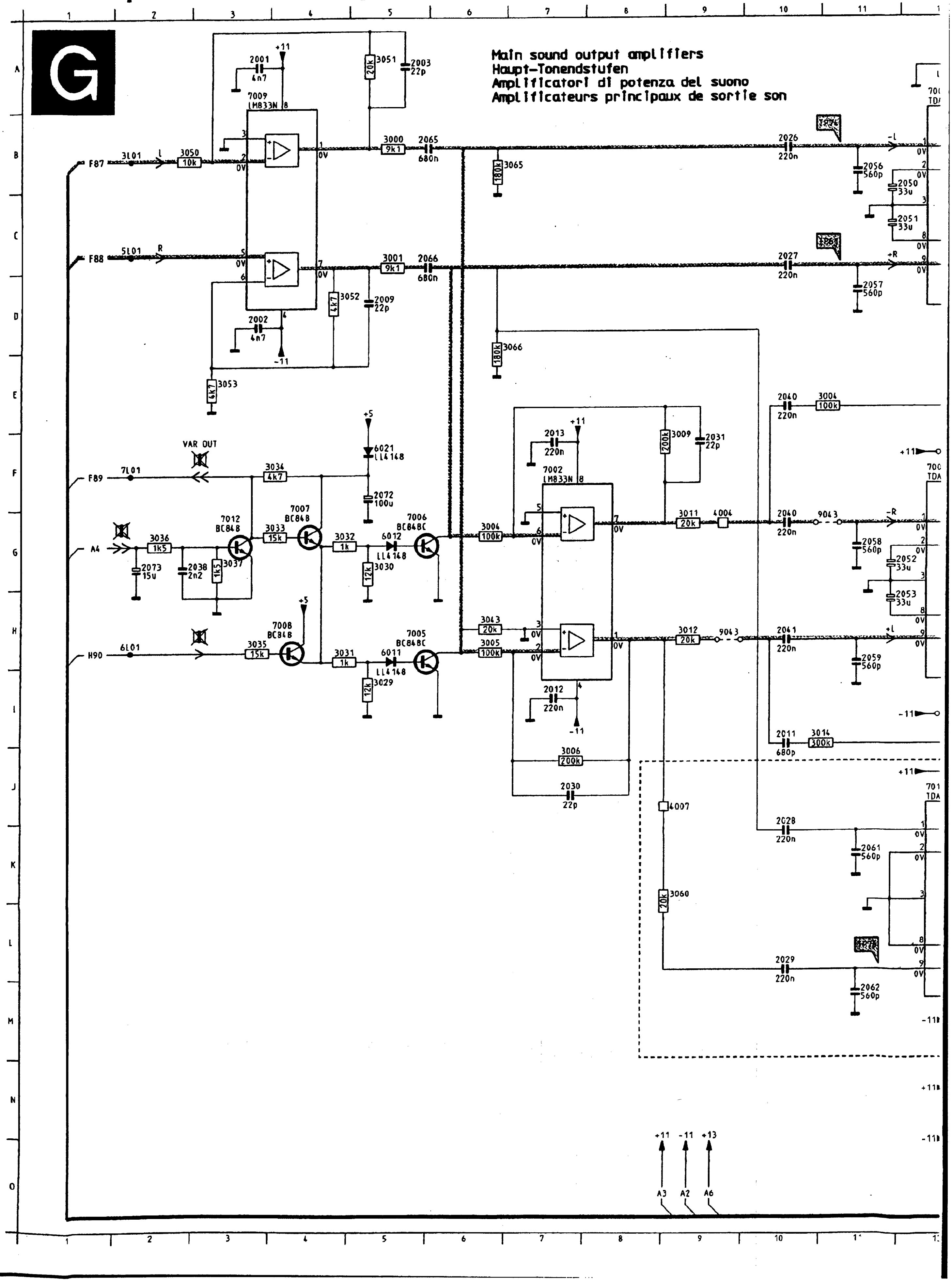
Audio amplification / Tonsignal Verstärker /



Main sound output amplifiers
Haupt-Tonendstufen
Amplificatori di potenza del suono
Amplificateurs principaux de sortie son

G
1
2
3
4
5
6
7
8
9
10
11
A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
F87
3L01
L
3050
10k
F88
5L01
R
2001
4n7
+11
7009
LM833N
8
3
2
0V
1
0V
3051
20k
2003
22p
3000
9k1
2065
680n
3065
180k
2026
220n
2056
560p
2050
33u
2051
33u
-L
+R
5
6
7
4
2002
4n7
-11
3052
4k7
2009
22p
3001
9k1
2066
680n
3053
4k7
3066
180k
2027
220n
2057
560p
700
TDA
+5
6021
LL4148
VAR OUT
F89
7L01
3034
4k7
2072
100u
7007
BC848
7012
BC848
7006
BC848C
A4
3036
1k5
2073
15u
2038
2n2
3037
1k5
3033
15k
3032
1k
6012
LL4148
3030
12k
3004
100k
2013
220n
7002
LM833N
3009
200k
2031
22p
3011
20k
4004
2040
220n
9043
-R
2058
560p
2052
33u
2053
33u
3004
100k
+11
2040
220n
H90
6L01
+5
7008
BC848
3035
15k
3031
1k
6011
LL4148
3029
12k
7005
BC848C
3043
20k
3005
100k
3012
20k
9043
2041
220n
+L
2059
560p
2012
220n
-11
2011
680p
3014
300k
3006
200k
2030
22p
4007
701
TDA
2028
220n
2061
560p
3060
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2029
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560p
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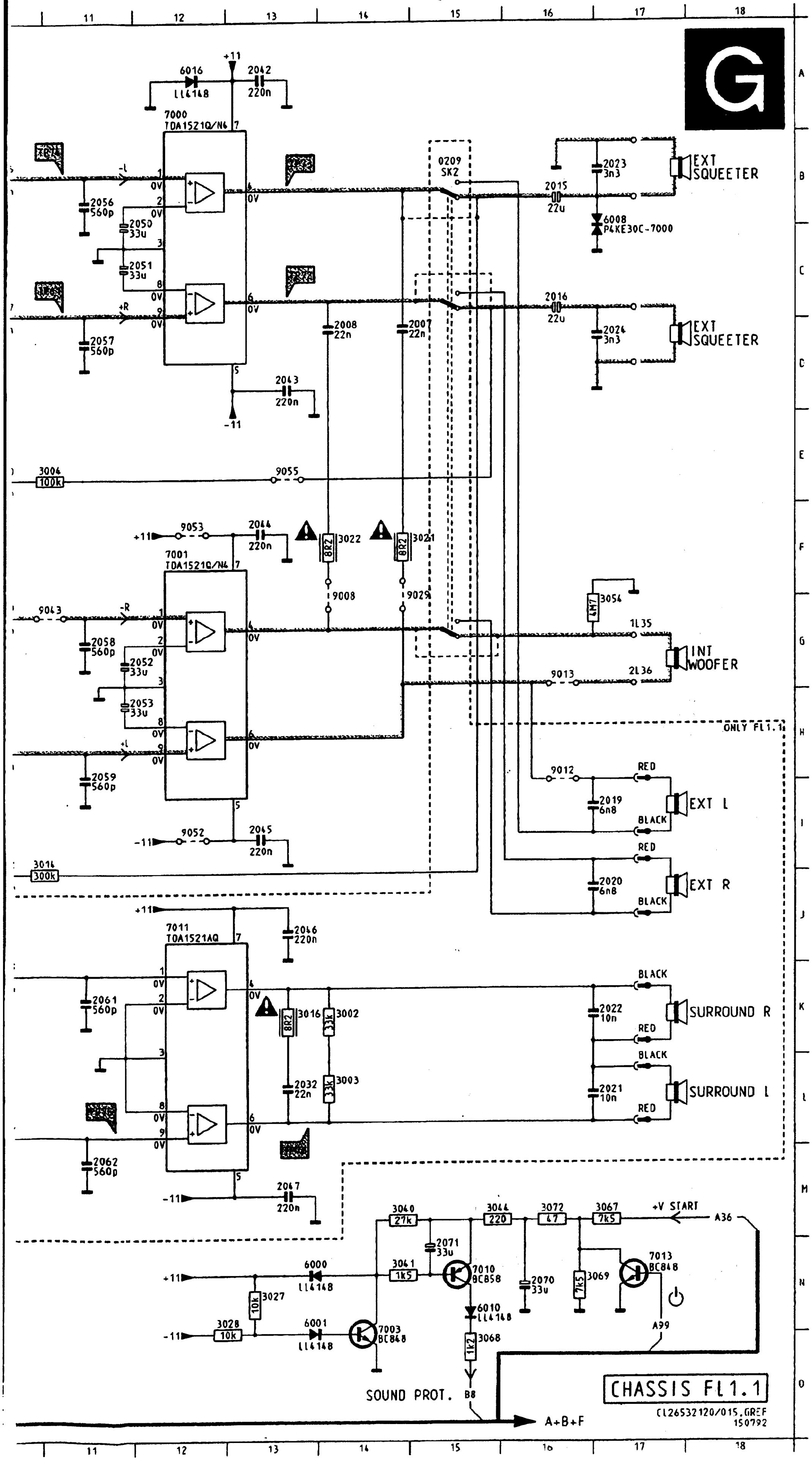
+11
-11
+11
-11
+13
A3
A2
A6

Amplificateur audio


11
12
13
14
15
16
17
18
G
+11
6016
LL4148
2042
220n
7000
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-L
+R
0V
2056
560p
2050
33u
2051
33u
2057
560p
2043
220n
-11
0209
SK2
2015
22u
2023
3n3
6008
P4KE30C-7000
EXT
SQUEETER
2016
22u
2024
3n3
EXT
SQUEETER
2008
22n
2007
22n
3006
100k
9055
9053
2044
220n
3022
8R2
3021
8R2
9008
9029
7001
TDA1521Q/N4
9043
-R
+L
2058
560p
2052
33u
2053
33u
2059
560p
3054
4M7
1L35
2L36
9013
INT
WOOFER
ONLY FL1.1
9012
RED
BLACK
2019
6n8
EXT L
2020
6n8
EXT R
9052
2045
220n
3014
300k
7011
TDA1521AQ
2046
220n
2061
560p
3016
8R2
3002
33k
3003
33k
2032
22n
2022
10n
SURROUND R
2021
10n
SURROUND L
2062
560p
2047
220n
3040
27k
3044
220
3072
47
3067
7k5
+V START
A36
2071
33u
3041
1k5
7010
BC858
2070
33u
3069
7k5
7013
BC848
6000
LL4148
3027
10k
3028
10k
6001
LL4148
7003
BC848
6010
LL4148
3068
1k2
A99
SOUND PROT.
B8
A+B+F
CHASSIS FL1.1
CL26532120/015.GREF
150792
A
B
C
D
E
F
G
H
I
J
K
L
M
N
O

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2002	D 3	9013	G16
2003	A 5	9029	F14
2007	D14	9043	G11
2008	D14	9043	H 9
2009	D 5	9052	I12
2011	I10	9053	F12
2012	I 7	9055	E13
2013	F 7		
2015	B16		
2016	C16		
2019	I17		
2020	J17		
2021	L17		
2022	K17		
2023	B17		
2024	D17		
2026	B10		
2027	C10		
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2029	L10		
2030	J 7		
2031	F 9		
2032	L13		
2038	G 2		
2040	E10		
2040	G10		
2041	H10		
2042	A13		
2043	D13		
2044	F13		
2045	I13		
2046	J13		
2047	M13		
2050	B11		
2051	C11		
2052	G11		
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2062	M11		
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2066	C 5		
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3052	D 4		
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4004	G 9		
4007	J 9		
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6008	B17		
6010	N15		
6011	H 5		
6012	G 5		
6016	A12		
6021	F 5		
7000	A12		
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7005	H 5		
7006	G 5		
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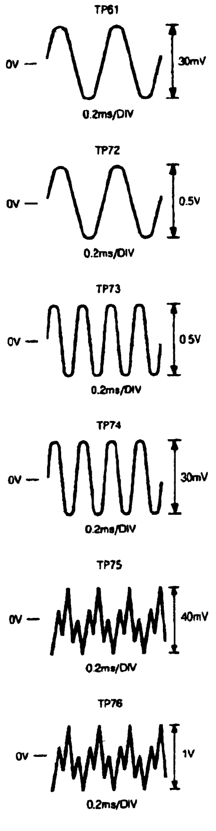

PRS.06962
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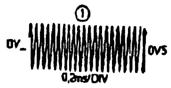
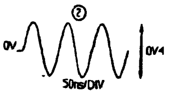
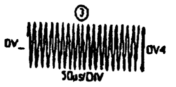
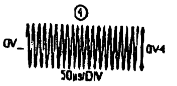
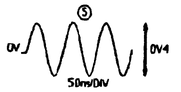
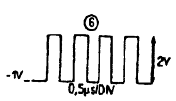


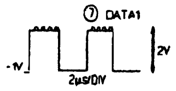


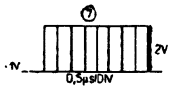


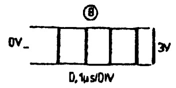


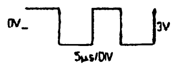


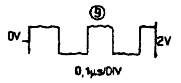


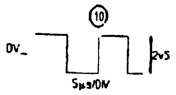


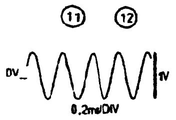


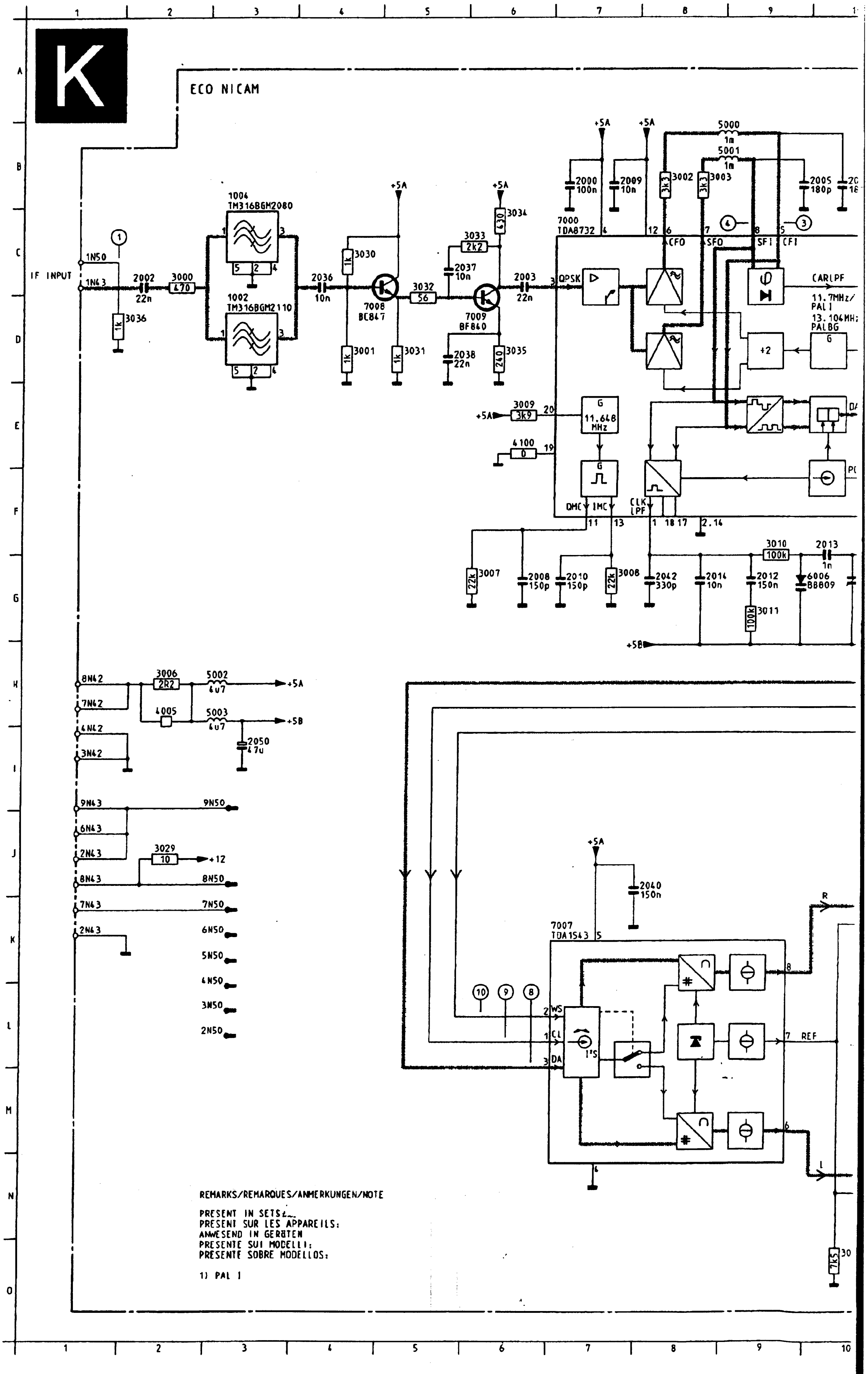








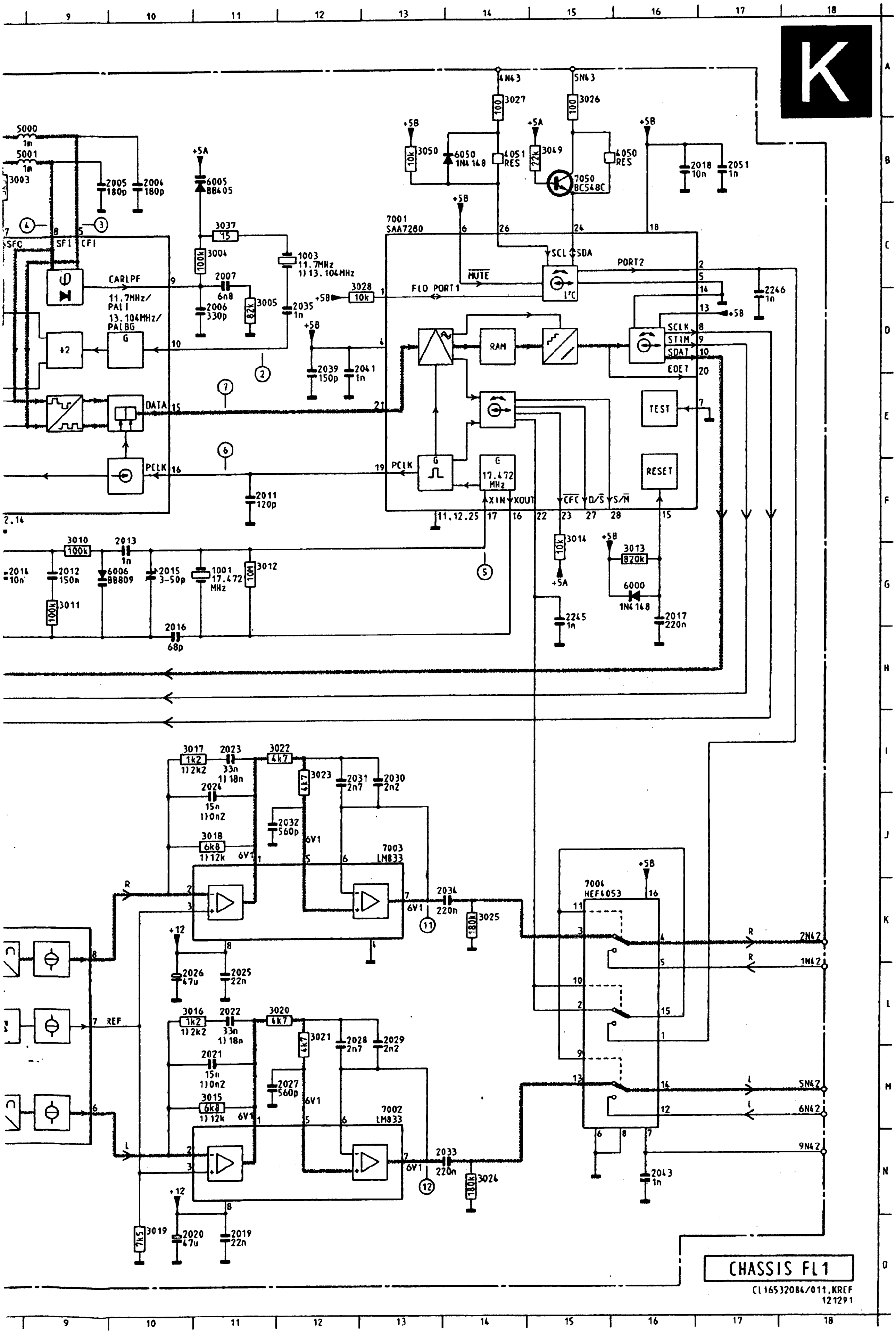



K
ECO NICAM
1 2 3 4 5 6 7 8 9 10
A B C D E F G H I J K L M N O
IF INPUT
1N50
1N43
2002 22n
3000 470
3036 1k
1004 TM316BGM2080
1002 TM316BGM2110
2036 10n
3030 1k
3001 1k
7008 BC847
3031 1k
+5A
3032 56
2037 10n
3033 2k2
3034 430
7009 BF840
2038 22n
3035 240
2003 22n
7000 TDA8732
QPSK
CFO
SFO
SFI
CFI
CARLPF
11.7MHz/ PAL I
13.104MHz; PALBG
G
:2
2000 100n
2009 10n
3002 3k3
3003 3k3
5000 1n
5001 1n
2005 180p
3009 3k9
11.648 MHz
4100 0
DMC
IMC
CLK LPF
3007 22k
2008 150p
2010 150p
3008 22k
2042 330p
2014 10n
3010 100k
2012 150n
3011 100k
2013 1n
6006 BB809
+5B
8N42
7N42
4N42
3N42
3006 2R2
4005
5002 4u7
5003 4u7
2050 47u
+5A
+5B
9N43
6N43
2N43
8N43
7N43
2N43
9N50
8N50
7N50
6N50
5N50
4N50
3N50
2N50
3029 10
+12
2040 150n
7007 TDA1543
WS
CL
DA
I²S
R
L
REF
30 7k5

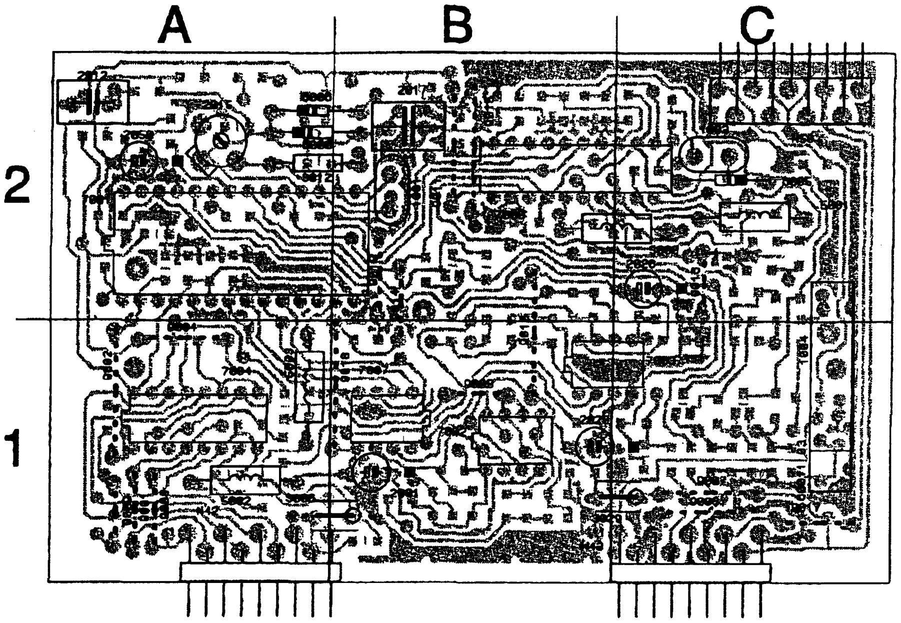
REMARKS/REMARQUES/ANMERKUNGEN/NOTE

PRESENT IN SETS:
PRESENT SUR LES APPAREILS:
ANWESEND IN GERÄTEN
PRESENTE SUI MODELLI:
PRESENTE SOBRE MODELLOS:

1) PAL I

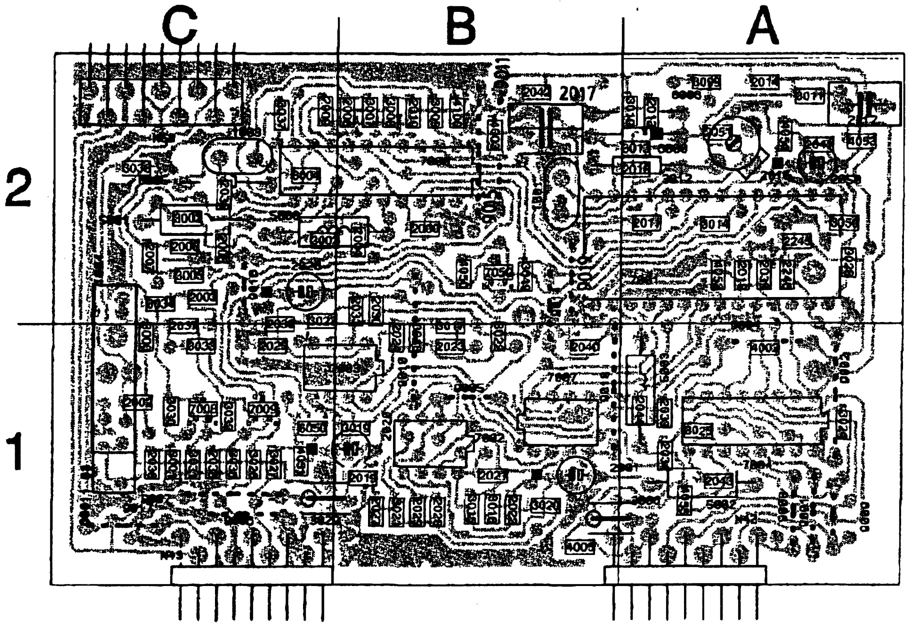

9
10
11
12
13
14
15
16
17
18
A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
4N43
5N43
3027
100
3026
100
+5B
3050
10k
6050
1N4148
4051
RES
+5A
3049
22k
7050
BC548C
4050
RES
+5B
2018
10n
2051
1n
5000
1m
5001
1m
3003
2005
180p
2004
180p
+5A
6005
BB405
④
③
SFC
SF1
CF1
3037
15
3004
100k
1003
11.7MHz
1) 13.104MHz
7001
SAA7280
+5B
6
26
24
18
SCL
SDA
PORT2
MUTE
CARLPF
11.7MHz/
PAL I
13.104MHz/
PALBG
2007
6n8
2006
330p
3005
82k
2035
1n
+5B
3028
10k
FLO PORT1
I²C
2246
1n
+5B
÷2
G
②
+5B
2039
150p
2041
1n
RAM
SCLK
STIN
SDAT
EDET
2
5
14
13
8
9
10
20
7
DATA
15
⑦
21
TEST
⑥
PCLK
16
19
PCLK
G
G
17.472
MHz
RESET
2011
120p
XIN
XOUT
CFC
D/S̄
S/M̄
11,12,25
17
16
22
23
27
28
15
2,14
3010
100k
2013
1n
2014
10n
2012
150n
6006
BB809
2015
3-50p
1001
17.472
MHz
3012
10M
⑤
3014
10k
+5A
+5B
3013
820k
6000
1N4148
2017
220n
2245
1n
3011
100k
2016
68p
3017
1k2
1) 2k2
2023
33n
1) 18n
3022
4k7
3023
4k7
2031
2n7
2030
2n2
2024
15n
1) 0n2
2032
560p
6V1
3018
6k8
1) 12k
6V1
7003
LM833
R
2
3
1
5
6
7
4
8
6V1
2034
220n
3025
180k
⑪
+12
2026
47u
2025
22n
+5B
7004
HEF4053
16
11
3
4
R
2N42
R
1N42
5
10
2
15
1
9
13
14
L
5N42
L
6N42
12
6
8
7
9N42
2043
1n
7 REF
3016
1k2
1) 2k2
2022
33n
1) 18n
3020
4k7
3021
4k7
2028
2n7
2029
2n2
2021
15n
1) 0n2
2027
560p
6V1
3015
6k8
1) 12k
6V1
7002
LM833
L
6
2033
220n
3024
180k
6V1
⑫
+12
3019
7k5
2020
47u
2019
22n
CHASSIS FL1
CL16532084/011.KREF
121291

1001	G11
1002	D 3
1003	C12
1004	B 3
2000	B 7
2002	C 2
2003	C 6
2004	B10
2005	B 9
2006	D11
2007	C11
2008	G 6
2009	B 7
2010	G 7
2011	F11
2012	G 9
2013	F10
2014	G 8
2015	G10
2016	G10
2017	G16
2018	B16
2019	O11
2020	O10
2021	M11
2022	L11
2023	I11
2024	I11
2025	L11
2026	L10
2027	M12
2028	L12
2029	L13
2030	I13
2031	I12
2032	J12
2033	N14
2034	K14
2035	D12
2036	C 4
2037	C 5
2038	D 5
2039	D12
2040	J 8
2041	D12
2042	G 8
2043	N16
2050	I 3
2051	B17
2245	G15
2246	D17
3000	C 2
3001	D 4
3002	B 8
3003	B 8
3004	C11
3005	D11
3006	H 2
3007	G 6
3008	G 7
3009	E 6
3010	F 9
3011	G 9
3012	G11
3013	G16
3014	F15
3015	M11
3016	L10
3017	I10
3018	J11
3019	O10
3020	L12
3021	L12
3022	I12
3023	I12
3024	N14
3025	K14
3026	A15
3027	A14
3028	C13
3029	J 2
3030	C 4
3031	D 5
3032	C 5
3033	C 6
3034	C 6
3035	D 6
3036	D 1
3037	C11
3049	B15
3050	B13
4005	H 2
4050	B16
4051	B14
4100	E 6
5000	B 9
5001	B 9
5002	H 3
5003	H 3
6000	G16
6005	B11
6006	G 9
6050	B14
7000	C 7
7001	C13
7002	M13
7003	J13
7004	K15
7007	K 7
7008	D 5
7009	D 6
7050	B15



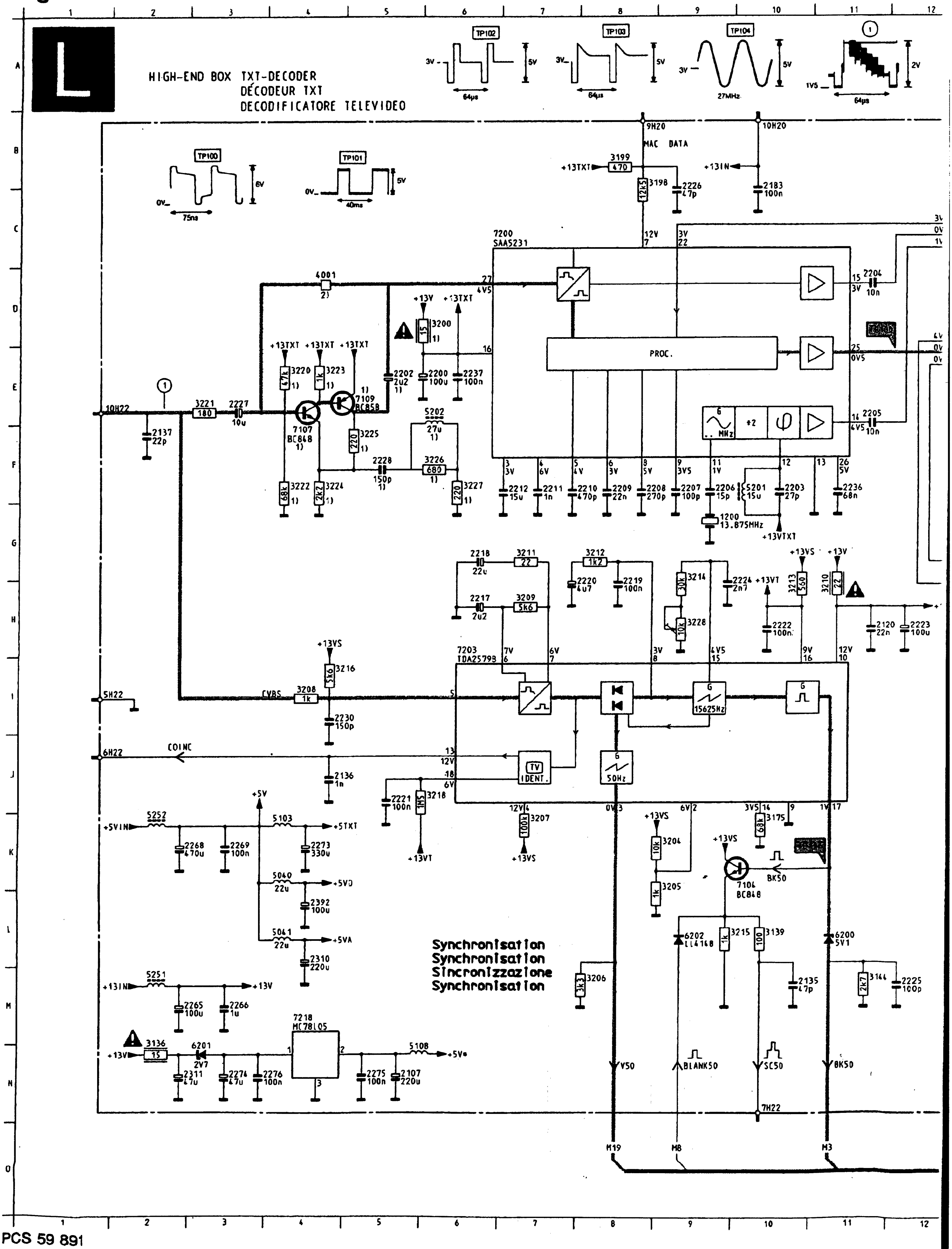
N42	A1
N43	C1
N60	C2
1001	B2
1003	C2
1004	C1
2000	B2
2001	B1
2002	C1
2003	C2
2004	B2
2005	C2
2006	C2
2007	C2
2008	B2
2009	C2
2010	B2
2011	A2
2012	A2
2013	A2
2014	A2
2015	A2
2016	A2
2017	B2
2018	A2
2019	B1
2020	B1
2021	B1
2022	B1
2023	B1
2024	B1
2025	C1
2026	C2
2027	B1
2028	B1
2029	B1
2030	B2
2031	B2
2032	C2
2033	A1
2034	A1
2035	C2
2036	C1
2037	C1
2038	C1
2039	A2
2040	B1
2041	A2
2042	B2
2043	A1
2044	A1
2050	A2
2051	A2
2245	A2
2248	A2
3000	C1
3001	C1
3002	C2
3003	C2
3004	C2
3005	C2
3006	B1
3007	B2
3008	B2
3009	B2
3009	B2
3010	A2
3011	A2
3012	A2
3013	A2
3014	A2
3015	B1
3016	B1
3017	B1
3018	B1
3019	B1
3020	B1
3021	B1
3022	B1
3023	C2
3024	A1
3025	A1
3026	C1
3027	C1
3028	A2
3029	C1
3030	C1
3031	C1
3032	C1
3033	C1
3034	C2
3035	C1
3036	C2
3037	C2
3049	B2
3050	A2
3099	A2
4002	A1
4003	B2
4005	B1
4050	B2
4051	C1
4052	A2
4053	A2
4054	A2
4055	A1
4100	B2
4100	B2
5000	C2
5001	C2
5002	A1
5003	A1
6000	A2
6001	C1
6005	C2
6006	A2
6050	C1
7000	B2
7001	A2
7002	B1
7003	B1
7004	A1
7007	B1
7008	C1
7008	C1
7050	B2
9001	A1
9002	A1
9004	A1
9005	B1
9006	C1
9007	C1
9008	A1
9009	A1
9010	B1
9011	B2
9014	B2
9015	B2
9016	C2
9017	C1
9018	B1
9018	B2

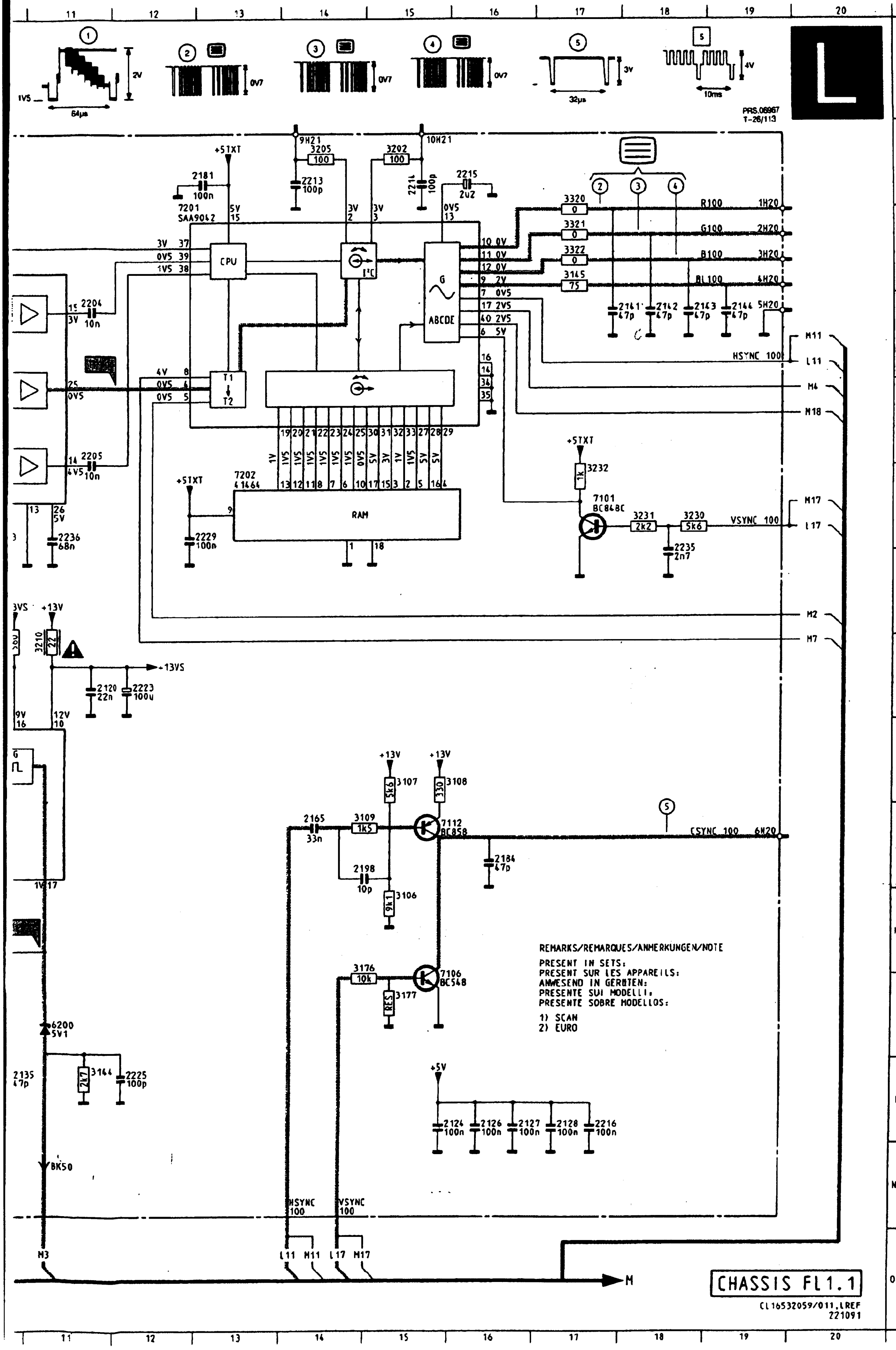
NICAM



N42	A1
N43	C1
N50	C2
1001	B2
1003	C2
1004	C1
2000	B2
2001	B1
2002	C1
2003	C2
2004	B2
2005	C2
2006	C2
2007	C2
2008	B2
2009	C2
2010	B2
2011	A2
2012	A2
2013	A2
2014	A2
2015	A2
2016	A2
2017	B2
2018	A2
2019	B1
2020	B1
2021	B1
2022	B1
2023	B1
2024	B1
2025	C1
2026	C2
2027	B1
2028	B1
2029	B1
2030	B2
2031	B2
2032	C2
2033	A1
2034	A1
2035	C2
2036	C1
2037	C1
2038	C1
2039	A2
2040	B1
2041	A2
2042	B2
2043	A1
2044	A1
2050	A2
2051	A2
2245	A2
2246	A2
3000	C1
3001	C1
3002	C2
3003	C2
3004	C2
3005	C2
3006	B1
3007	B2
3008	B2
3009	B2
3009	B2
3010	A2
3011	A2
3012	A2
3013	A2
3014	A2
3016	B1
3016	B1
3017	B1
3018	B1
3019	B1
3020	B1
3021	B1
3022	B1
3023	C2
3024	A1
3025	A1
3026	C1
3027	C1
3028	A2
3029	C1
3030	C1
3031	C1
3032	C1
3033	C1
3034	C2
3035	C1
3036	C2
3037	C2
3049	B2
3050	A2
3089	A2
4002	A1
4003	B2
4005	B1
4050	B2
4051	C1
4052	A2
4053	A2
4054	A2
4055	A1
4100	B2
4100	B2
5000	C2
5001	C2
5002	A1
5003	A1
6000	A2
6001	C1
6005	C2
6006	A2
6050	C1
7000	B2
7001	A2
7002	B1
7003	B1
7004	A1
7007	B1
7008	C1
7009	C1
7050	B2
9001	A1
9002	A1
9004	A1
9005	B1
9006	C1
9007	C1
9008	A1
9009	A1
9010	B1
9011	B2
9014	B2
9015	B2
9016	C2
9017	C1
9018	B1
9019	B2

High-end box


L
HIGH-END BOX TXT-DECODER
DÉCODEUR TXT
DECODIFICATORE TELEVIDEO
TP100
TP101
TP102
TP103
TP104
①
7200 SAA5231
PROC.
7203 TDA2579B
7107 BC848
7109 BC858
7106 BC848
7218 MC78L05
1200 13.875MHz
15625Hz
50Hz
IDENT.
MHz
CVBS
COINC
MAC DATA
+13TXT
+13IN
+13V
+13VS
+13VT
+5VIN
+5TXT
+5VD
+5VA
+5V
9H20
10H20
10H22
5H22
6H22
7H22
V50
BLANK50
SC50
BK50
M19
M8
M3
Synchronisation
Synchronisation
Sincronizzazione
Synchronisation


L
PRS.06967 T-26/113
64µs
2V
1V5
0V7
3V
4V
32µs
10ms
7201 SAA9042
CPU
I²C
ABCDE
T1
T2
RAM
7202 41464
+5TXT
+13V
+13VS
+5V
9H21
10H21
R100 1H20
G100 2H20
B100 3H20
BL100 4H20
5H20
HSYNC 100
VSYNC 100
CSYNC 100 6H20
7101 BC848C
7112 BC858
7106 BC548
6200 5V1
BK50
M11
L11
M4
M18
M17
L17
M2
M7
M3
M

REMARKS/REMARQUES/ANMERKUNGEN/NOTE
PRESENT IN SETS:
PRESENT SUR LES APPAREILS:
ANWESEND IN GERÄTEN:
PRESENTE SUI MODELLI:
PRESENTE SOBRE MODELLOS:

1) SCAN
2) EURO

CHASSIS FL1.1

CL 16532059/011.LREF
221091

1200	G 9	6200	L11
2107	N 5	6201	N 3
2120	H11	6202	L 9
2124	M15	7101	F17
2126	M16	7104	K10
2127	M16	7106	L15
2128	M17	7107	F 4
2135	M10	7109	E 5
2136	J 4	7112	J15
2137	F 2	7200	C 6
2141	D17	7201	C12
2142	D18	7202	F13
2143	D18	7203	H 6
2144	D19	7218	M 4
2165	J14		
2181	B13		
2183	C10		
2184	J16		
2198	J14		
2200	E 6		
2202	E 5		
2203	F10		
2204	D11		
2205	E11		
2206	F 9		
2207	F 9		
2208	F 8		
2209	F 8		
2210	F 7		
2211	F 7		
2212	F 7		
2213	B14		
2214	B15		
2215	B16		
2216	M17		
2217	H 6		
2218	G 6		
2219	H 8		
2220	H 7		
2221	J 5		
2222	H10		
2223	H12		
2224	H 9		
2225	M12		
2226	C 9		
2227	E 3		
2228	F 5		
2229	F12		
2230	I 4		
2235	G18		
2236	F11		
2237	E 6		
2265	M 2		
2266	M 3		
2268	K 2		
2269	K 3		
2273	K 4		
2274	N 3		
2275	N 5		
2276	N 3		
2310	L 4		
2311	N 2		
2392	L 4		
3106	K15		
3107	I15		
3108	I15		
3109	J14		
3136	N 2		
3139	L10		
3144	M11		
3145	C17		
3175	K10		
3176	K14		
3177	L15		
3198	B 8		
3199	B 8		
3200	D 6		
3202	B15		
3204	K 9		
3205	B14		
3205	K 9		
3206	M 8		
3207	K 7		
3208	I 4		
3209	H 7		
3210	H11		
3211	G 7		
3212	G 8		
3213	H10		
3214	G 9		
3215	L 9		
3216	I 4		
3218	J 6		
3220	E 4		
3221	E 3		
3222	F 4		
3223	E 4		
3224	F 4		
3225	F 5		
3226	F 6		
3227	F 6		
3228	H 9		
3230	F18		
3231	F18		
3232	E17		
3320	B17		
3321	C17		
3322	C17		
4001	D 4		
5040	K 4		
5041	L 4		
5103	K 4		
5201	F10		
5202	E 6		
5251	M 2		
5252	K 2		

High-end box

1200	B1
2104	B1
2107	C2
2108	C2
2113	A2
2150	C5
2169	C4
2187	A2
2200	C1
2202	C1
2215	B1
2217	C4
2218	C4
2220	C4
2223	C5
2224	C5
2227	C1
2251	A3
2253	A4
2254	A4
2262	B5
2265	B5
2268	B4
2273	B1
2274	C2
2277	A4
2292	B5
2310	B5
2311	C3
3000	B1
3136	C3
3200	C1
3210	B5
3228	C5
3262	B5
5040	B5
5041	B5
5100	C2
5101	A2
5102	B5
5103	A2
5104	B4
5105	B3
5106	B3
5107	B3
5108	C2
5109	B4
5150	C3
5151	B4
5152	B4
5201	B1
5202	C1
5251	B5
5252	B5
6201	C3
7108	A5
7200	C1
7201	B1
7202	A1
7203	C5
7204	C2
7205	C2
7206	C2
7207	A2
7209	A5
7210	C3
7211	C3
7212	C3
7213	C4
7214	B4
7215	B4
7216	B4
7217	A4
7218	C2
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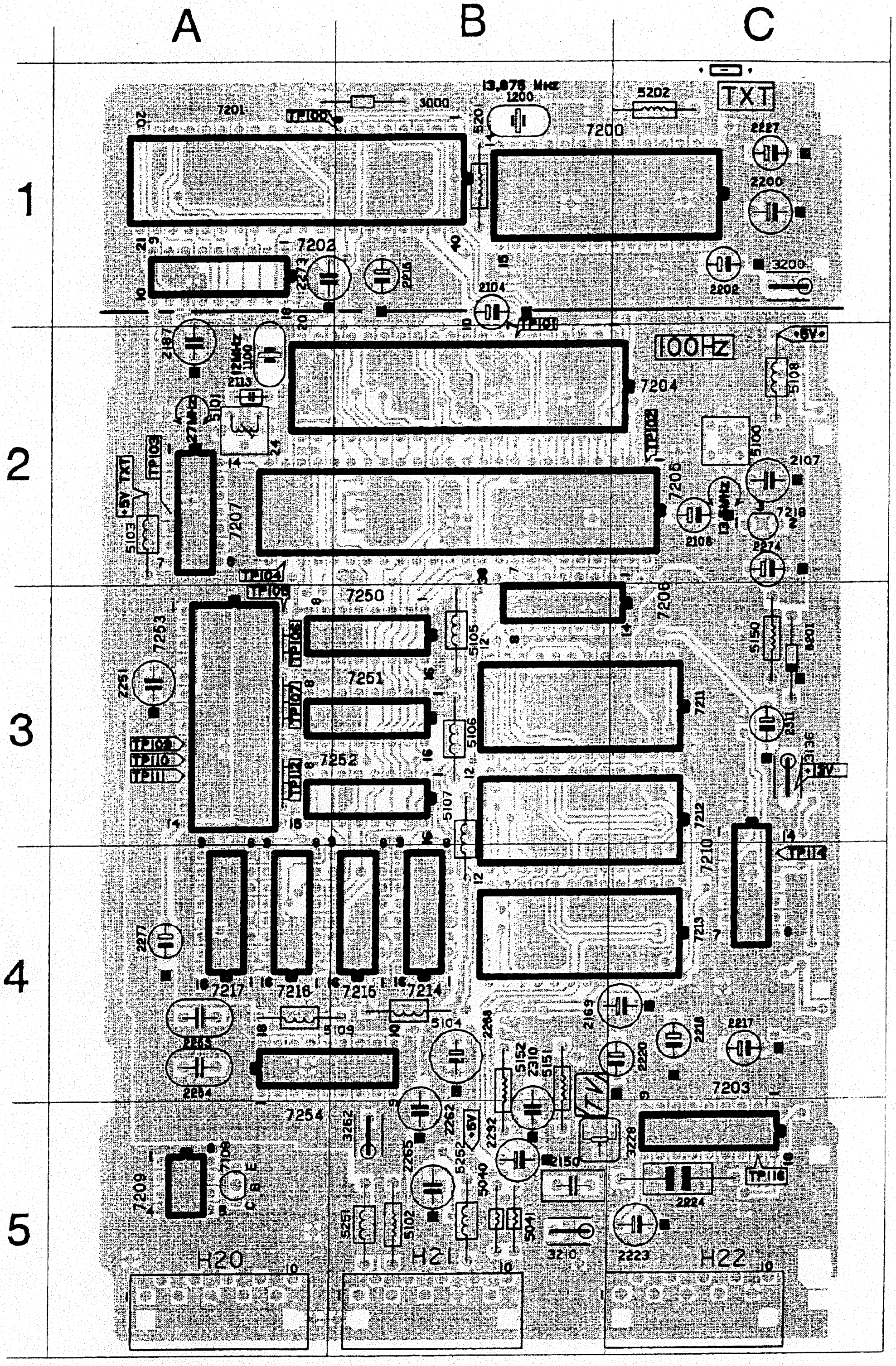
7251	B3
7252	B3
7253	A3
7254	A4
H20	A5
H21	B5
H22	C5


A
B
C
1
2
3
4
5
13,875 MHz
1200
3000
5202
TXT
7201
TP100
7200
2227
2200
7202
2273
2215
2104
TP101
2202
3200
100Hz
+5V
2187
2113
5101
7204
5108
TP102
TP103
+5V TXT
5103
7207
7205
5100
2107
2108
7218
2274
TP104
TP105
7250
7206
7253
TP106
5105
5150
6201
2251
7251
TP107
7211
TP109
TP110
TP111
5106
2311
3136
+5V
TP112
7252
5107
7212
7210
TP114
2277
7217
7216
7215
7214
7213
2253
5109
5104
2268
2169
2218
2217
2254
7203
7254
5152
2310
5151
2220
3262
2262
+5V
2292
3228
7209
7108
2265
5252
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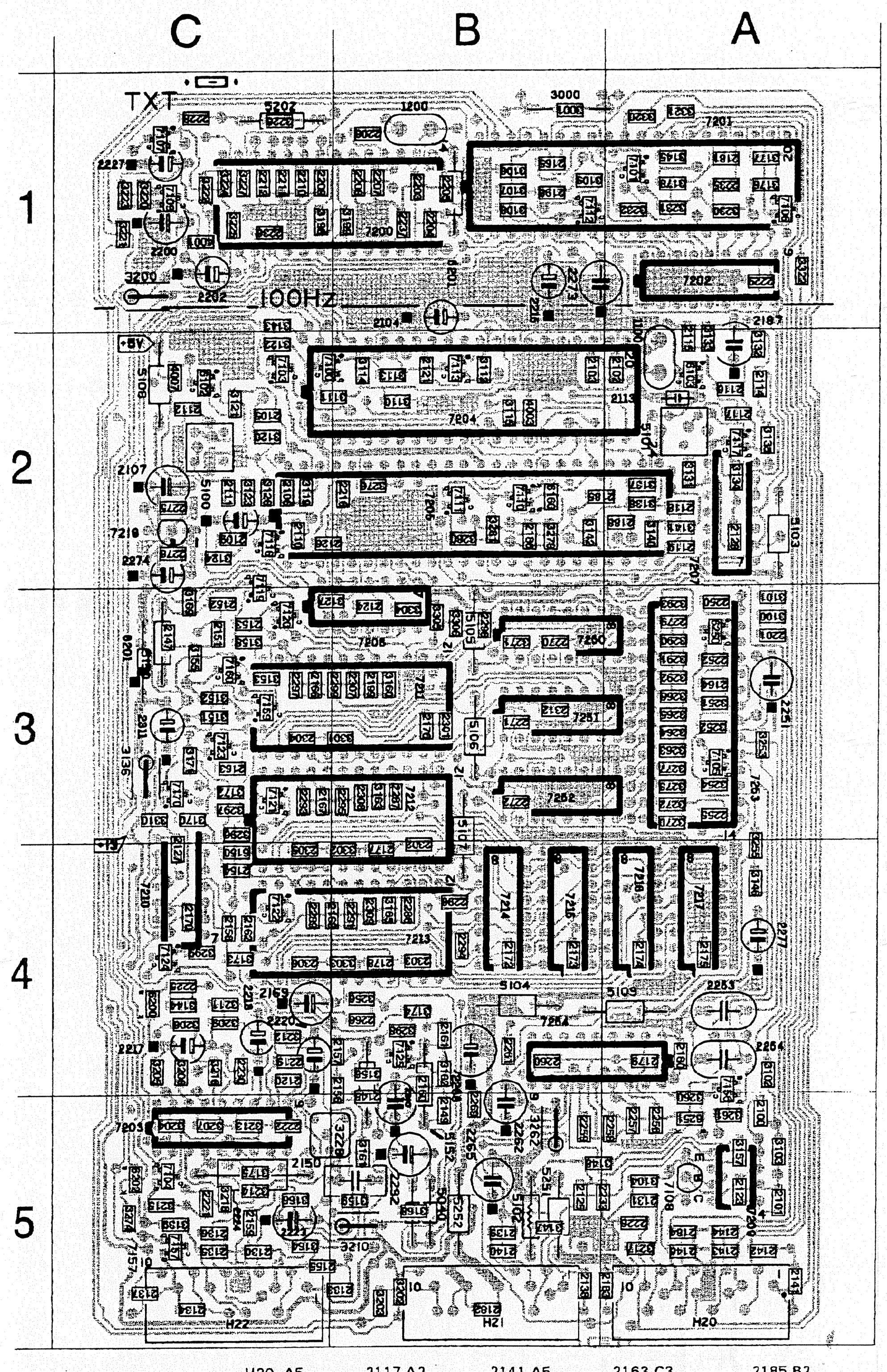
2150
TP116
2224
5251
5102
5041
3210
2223
H20
H21
H22

High-end box



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H22	C5
1200	B1
2100	A5
2101	A5
2102	B2
2103	B2
2104	B1
2105	C2
2106	C2
2107	C2
2108	C2
2109	C2
2110	C2
2111	C2
2112	C2
2113	A2
2114	A2
2115	A2
2116	A2
2117	A2
2118	A2
2119	A2
2120	C4
2121	B2
2123	A5
2124	B3
2125	B5
2126	C2
2127	C3
2128	A2
2130	C5
2131	A5
2133	C5
2134	C5
2135	C5
2136	C5
2137	C5
2138	B5
2139	B5
2140	B5
2141	A5
2142	A5
2143	A5
2144	A5
2146	A5
2147	C3
2148	B4
2149	B5
2150	C5
2151	C3
2152	C3
2153	C3
2154	C4
2155	C5
2156	C4
2157	C4
2158	C4
2159	C5
2160	B4
2161	B4
2162	C4
2163	C3
2164	A3
2165	B1
2166	C3
2167	C3
2168	C4
2169	C4
2170	C4
2172	B4
2173	B4
2174	A4
2175	A4
2176	B3
2177	B4
2178	B4
2179	A4
2180	A4
2181	A1
2182	B5
2183	B5
2184	A5
2185	B2
2186	B2
2187	A2
2188	B2
2198	B1
2199	B3
2200	C1
2201	A3
2202	C1
2203	B1
2204	B1
2205	B1
2206	B1
2207	B1
2208	C1
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2211	C1
2212	C1
2215	B1
2216	C2
2217	C4
2218	C4
2219	C4
2220	C4
2221	C5
2222	C5
2223	C5
2224	C5
2225	C4
2226	A5
2227	C1
2228	C1
2229	A1
2230	C4
2233	B5
2235	A1
2236	C1
2237	B1
2250	A3
2251	A3
2252	A3
2253	A4
2254	A4
2255	A3
2256	A5
2257	A5
2258	B5
2259	B5
2260	B4
2261	B4
2262	B5
2265	B5
2266	B4
2268	B4
2269	B5
2270	B3
2271	B3
2272	B3
2273	B1
2274	C2
2275	C2
2276	C2
2277	A4
2279	A3
2286	B4
2287	B3
2289	C4
2291	C4
2292	B5
2293	C3
2294	B4
2295	C3
2296	B4
2297	C3
2298	B3
2299	C3
2301	B3
2302	B3
2303	B4
2304	C3
2305	C4
2306	C4
2307	C3
2308	B3
2309	B4
2310	B5
2311	C3
2312	B3
3000	B1
3001	B1
3100	A3
3101	A3
3102	A4
3103	A5
3104	A5
3106	B1
3107	B1
3108	B1
3109	B1
3110	B2
3111	C2
3112	B2
3113	B2
3114	B2
3115	B2
3119	C2
3120	C2
3121	C2
3122	C2
3123	C2
3124	C2
3126	C2
3127	C3
3131	A2
3132	A2
3133	A2
3134	A2
3135	A2
3136	C3
3137	A2
3138	A2
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3141	A2
3142	B2
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3144	C4
3145	A1
3146	A4
3147	B5
3148	B5
3151	C3
3152	C3
3153	C3
3155	C3
3156	B4
3157	A5
3158	C3
3159	C5
3160	B3
3161	B5
3162	B4
3163	B3
3164	C5
3165	B4
3166	C5
3168	B5
3169	C3
3170	C3
3171	C3
3172	C3
3173	C4
3174	B4
3175	C5
3176	A1
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3198	C1
3199	C1
3200	C1
3202	B5
3203	B5
3204	C5
3205	C4
3206	C4
3207	C5
3208	C4
3209	C4
3210	B5
3211	C4
3212	C4
3213	C5
3214	C5
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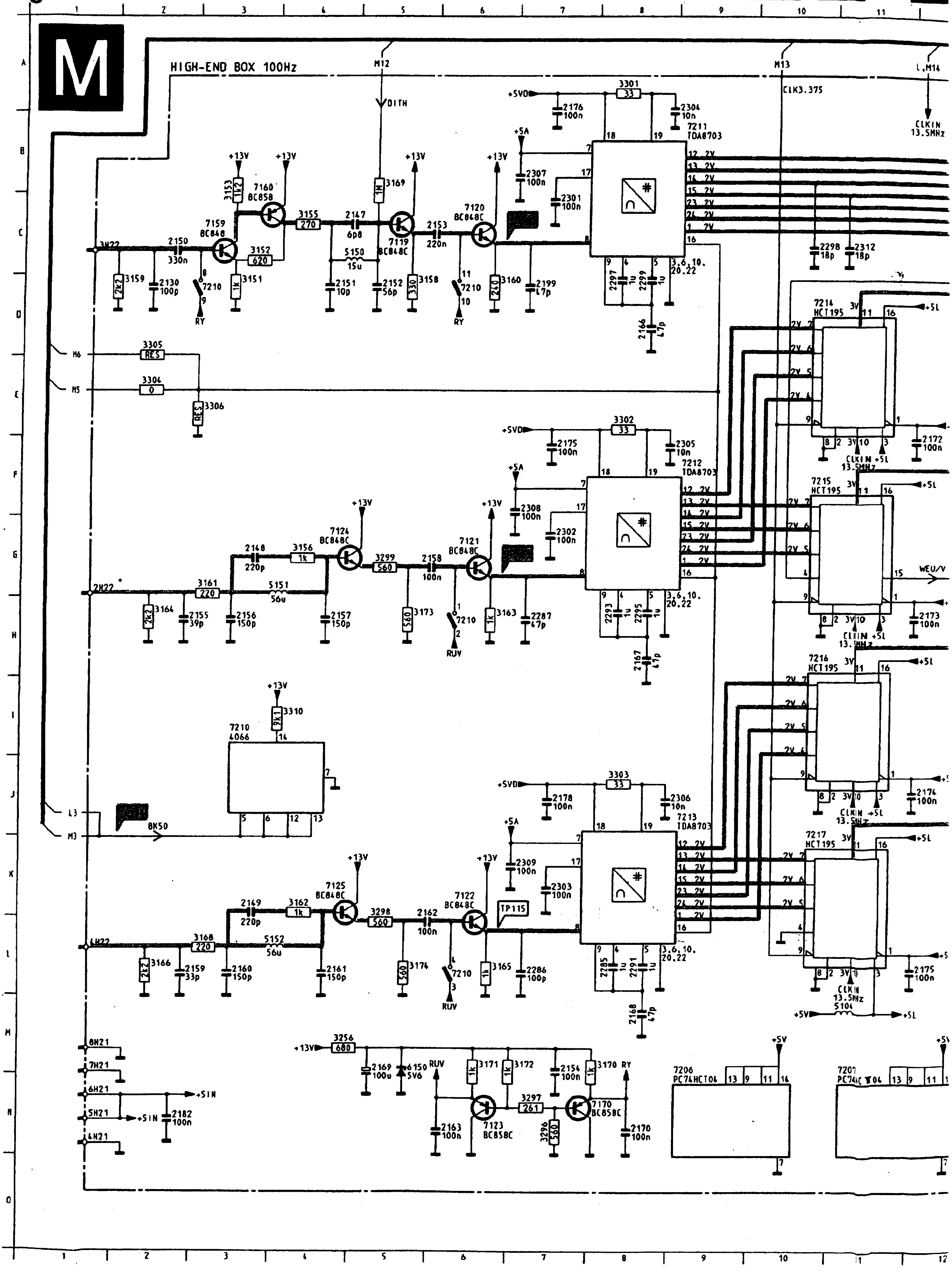
3221	C1
3222	C1
3223	C1
3224	C1
3225	C1
3226	C1
3227	C1
3228	C5
3230	A1
3231	A1
3232	B1
3251	A3
3252	A3
3253	A3
3254	A3
3255	A3
3256	B4
3260	A4
3261	A5
3262	B5
3263	A3
3264	A3
3265	A3
3266	A3
3270	A3
3271	B3
3272	A3
3273	A3
3274	C5
3276	B2
3277	A3
3279	B2
3280	B2
3281	B2
3290	A3
3291	A3
3292	A3
3293	A3
3296	C3
3297	C3
3298	B4
3299	C4
3301	C3
3302	C4
3303	C4
3304	B3
3305	B3
3306	B3
3310	C3
3320	A1
3321	A1
3322	A1
4001	C1
4003	B2
4007	C2
5040	B5
5041	B5
5100	C2
5101	A2
5102	B5
5103	A2
5104	B4
5105	B3
5106	B3
5107	B3
5108	C2
5109	B4
5150	C3
5151	B4
5152	B4
5201	B1
5202	C1
5251	B5
5252	B5
6102	C2
6103	A2
6150	C4
6160	B2
6200	C4
6201	C3
6202	C5
6250	A3
6251	A5
7100	C2
7101	B1
7103	C2
7104	C5
7105	A3
7106	A1
7107	C1
7108	A5
7109	C1
7110	B2
7111	B2
7112	B1
7113	B2
7116	C2
7117	A2
7119	C2
7120	C3
7121	C3
7122	C4
7123	C3
7124	C4
7125	B4
7156	A4
7157	C5
7159	C3
7160	C3
7170	C3
7200	C1
7201	B1
7202	A1
7203	C5
7204	C2
7205	C2
7206	C2
7207	A2
7209	A5
7210	C3
7211	C3
7212	C3
7213	C4
7214	B4
7215	B4
7216	B4
7217	A4
7218	C2
7250	B3
7251	B3
7252	B3
7253	A3
7254	A4

PCS 59 893

High-end box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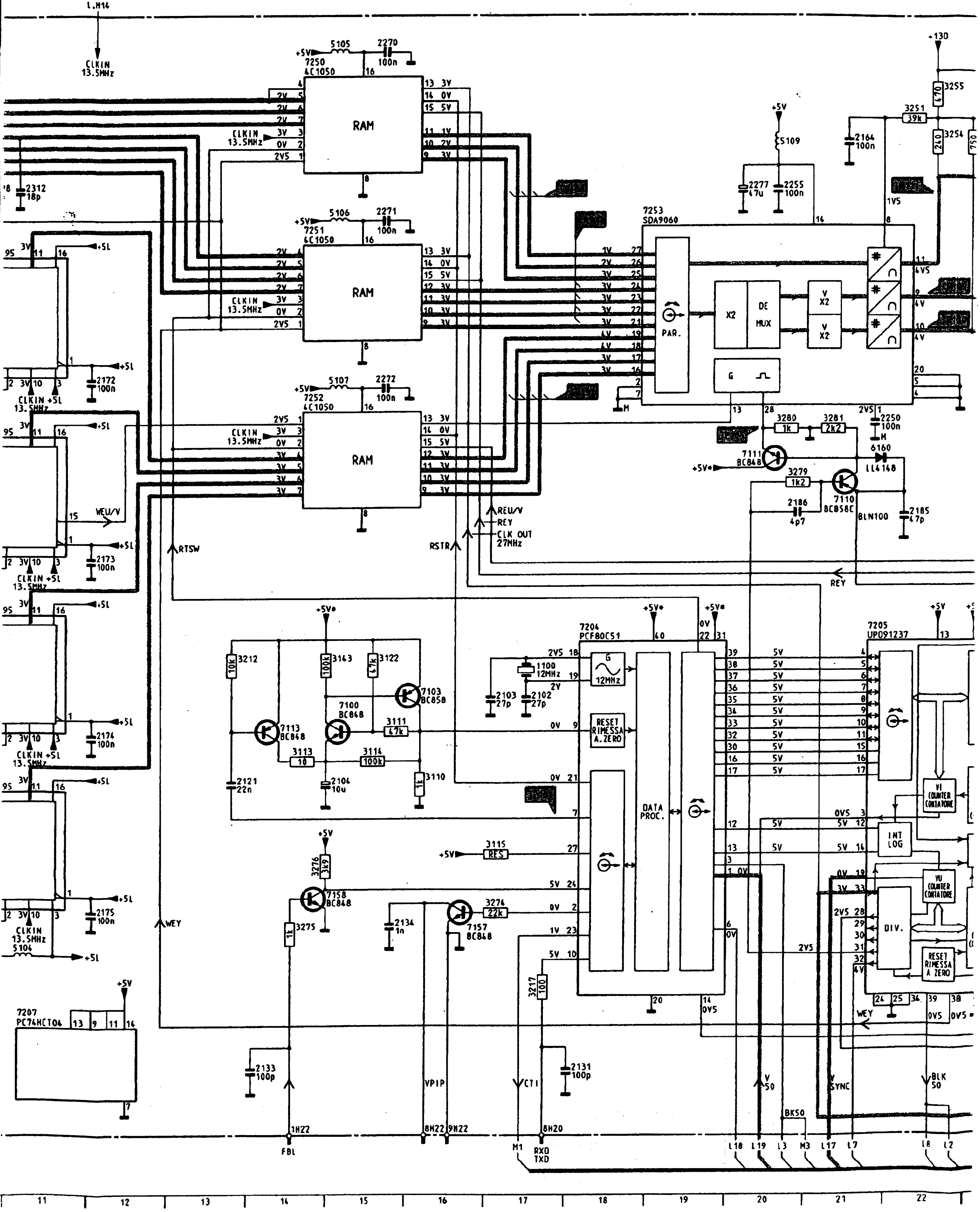
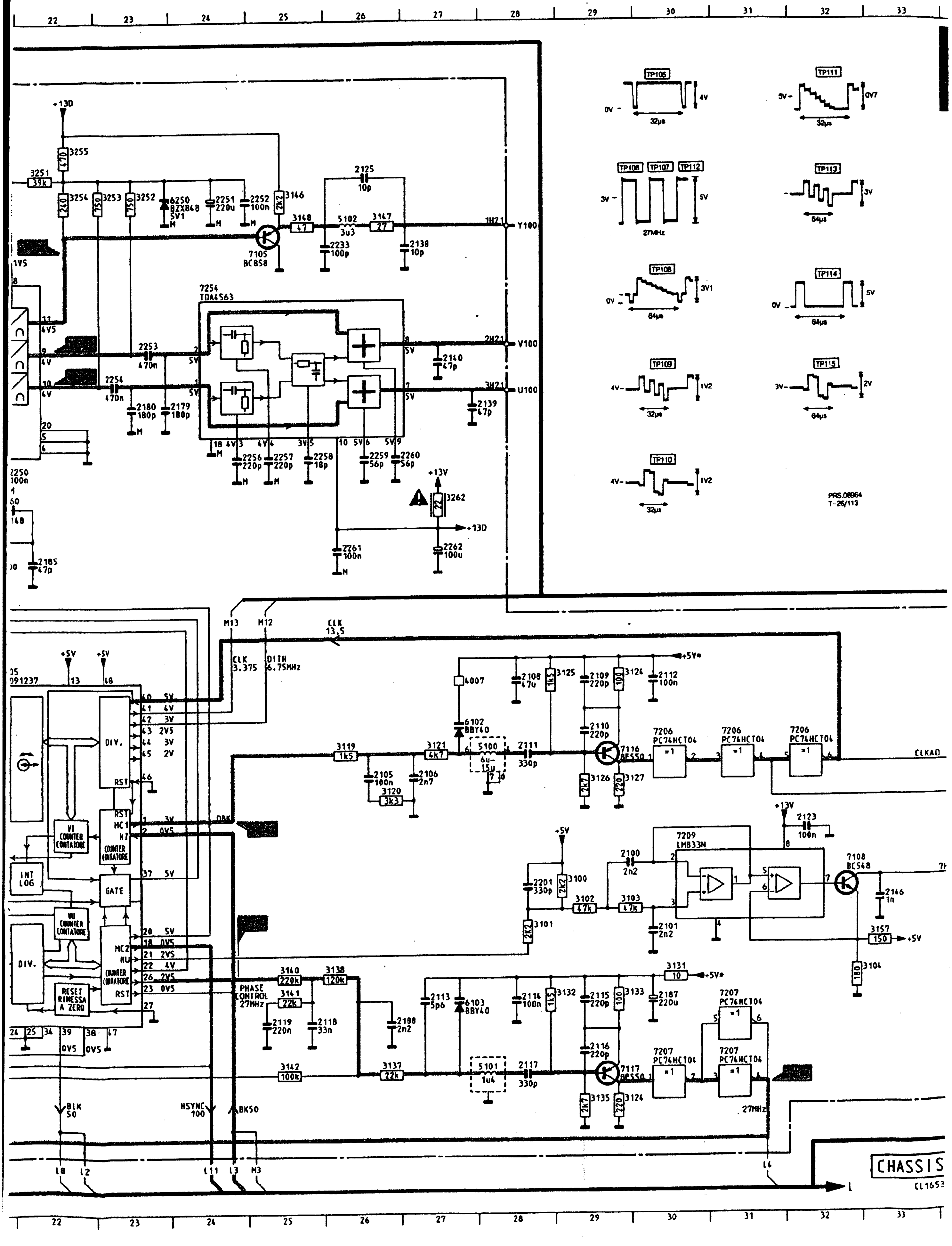
HIGH-END BOX 100Hz
M12
M13
M14
DITH
CLK3.375
CLKIN 13.5MHz
+5VD
3301 33
2176 100n
2304 10n
7211 TDA8703
7212 TDA8703
7213 TDA8703
3302 33
3303 33
2175 100n
2305 10n
2178 100n
2306 10n
+13V
+5A
7159 BC848
7160 BC858
7119 BC848C
7120 BC848C
7124 BC848C
7121 BC848C
7125 BC848C
7122 BC848C
3153 1k2
3155 270
2147 6p8
3169 1M
2153 220n
2150 330n
3152 620
5150 15u
3159 2k2
2130 100p
7210
RY
3151 1k
2151 10p
2152 56p
3158 330
3160 240
2199 47p
2307 100n
2301 100n
2297 1u
2299 1u
2166 47p
2298 18p
2312 18p
3H22
2H22
4H22
M6
M5
3305 RES
3304 0
3306 RES
2148 220p
3156 1k
3299 560
2158 100n
3161 220
5151 56u
3164 2k2
2155 39p
2156 150p
2157 150p
3173 560
RUV
3163 1k
2287 47p
2308 100n
2302 100n
2293 1u
2295 1u
2167 47p
7214 HCT195
7215 HCT195
7216 HCT195
7217 HCT195
+5L
2172 100n
2173 100n
2174 100n
2175 100n
WEU/V
3310 9k1
7210 4066
L3
M3
BK50
2149 220p
3162 1k
3298 560
2162 100n
TP115
3168 220
5152 56u
3166 2k2
2159 33p
2160 150p
2161 150p
3174 560
3165 1k
2286 100p
2309 100n
2303 100n
2285 1u
2291 1u
2168 47p
5104
+5V
3256 680
2169 100u
6150 5V6
3171 1k
3172 1k
2154 100n
3170 1k
3297 261
3296 560
7123 BC858C
7170 BC858C
2163 100n
2170 100n
8H21
7H21
6H21
5H21
4H21
+5IN
2182 100n
7206 PC74HCT04
7207 PC74HCT04
3,6,10,20,22
1 2 3 4 5 6 7 8 9 10 11 12
A B C D E F G H I J K L M N O


11
12
13
14
15
16
17
18
19
20
21
22
L.H14
CLKIN 13.5MHz
+5V
5105
2270
100n
7250
4C1050
RAM
5106
2271
7251
4C1050
5107
2272
7252
4C1050
2312
18p
2172
100n
2173
100n
2174
100n
2175
100n
5104
+5L
95
WEU/V
RTSW
RSTR
REU/V
REY
CLK OUT 27MHz
REY
WEY
+5V
5109
2277
47u
2255
100n
7253
SDA9060
PAR.
X2
DE MUX
V X2
V X2
G
1V5
4V5
4V
4V
+130
3255
470
3251
39k
3254
240
750
2164
100n
3280
1k
3281
2k2
2250
100n
6160
LL4148
7111
BC848
3279
1k2
7110
BC858C
2186
4p7
2185
47p
BLN100
3212
10k
3143
100k
3122
47k
7103
BC858
7100
BC848
7113
BC848
3111
47k
3113
10
3114
100k
3110
1k
2121
22n
2106
10u
+5V
3276
3k9
7158
BC848
3275
1k
2134
1n
3274
22k
7157
BC848
3115
RES
7204
PCF80C51
1100
12MHz
2103
27p
2102
27p
G
12MHz
RESET RIMESSA A.ZERO
DATA PROC.
3217
100
2131
100p
2133
100p
7205
UPD91237
VI COUNTER CONTATORE
INT LOG
VU COUNTER CONTATORE
DIV.
RESET RIMESSA A ZERO
7207
PC74HCT04
VP1P
CT1
V 50
SYNC
BLK 50
BK50
1H22
FBL
8H22
9H22
8H20
M1
RXD TXD
L18
L19
L3
M3
L17
L7
L8
L2


22
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24
25
26
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28
29
30
31
32
33
+13D
3255
470
3251
39k
3254
240
3253
750
3252
750
6250
BZX848
5V1
2251
220u
2252
100n
3146
2k2
2125
10p
3148
47
5102
3u3
3147
27
1H21
Y100
7105
BC858
2233
100p
2138
10p
1V5
7254
TDA4563
4V5
4V
2253
470n
2254
470n
2180
180p
2179
180p
5V
2H21
V100
3H21
U100
2140
47p
2139
47p
2256
220p
2257
220p
2258
18p
2259
56p
2260
56p
+13V
3262
22
+13D
2261
100n
2262
100u
2250
100n
2185
47p
TP105
0V
4V
32µs
TP111
5V
0V7
32µs
TP106
TP107
TP112
3V
5V
27MHz
TP113
3V
64µs
TP108
0V
3V1
64µs
TP114
0V
5V
64µs
TP109
4V
1V2
32µs
TP115
3V
2V
64µs
TP110
4V
1V2
32µs
PRS.06964
T-26/113
M13
M12
CLK
13,5
CLK
3,375
DITH
6.75MHz
+5V
+5V
091237
DIV.
RST
RST
MC1
MI
VI COUNTER CONTATORE
COUNTER CONTATORE
INT LOG
GATE
VU COUNTER CONTATORE
DIV.
MC2
MU
COUNTER CONTATORE
RESET RINESSA A ZERO
0V5
0V5
+5V*
4007
2108
47u
3125
1k5
2109
220p
3124
100
2112
100n
2110
220p
6102
BBY40
3119
1k5
3121
4k7
5100
6u-15u
2111
330p
7116
BF550
2105
100n
2106
2n7
3120
3k3
3126
2k7
3127
220
7206
PC74HCT04
=1
CLKAD
DBK
+13V
2123
100n
+5V
7209
LM833N
2100
2n2
2201
330p
3100
2k2
3102
47k
3103
47k
2101
2n2
3101
2k2
7108
BC548
2146
1n
3157
150
+5V
3104
180
3131
10
+5V*
PHASE CONTROL 27MHz
3140
220k
3138
120k
3141
22k
2119
220n
2118
33n
2113
5p6
6103
BBY40
2114
100n
3132
1k5
2115
220p
3133
100
2187
220u
2188
2n2
2116
220p
7207
PC74HCT04
3142
100k
3137
22k
5101
1u4
2117
330p
7117
BF550
3135
2k7
3124
220
27MHz
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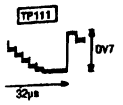
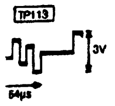
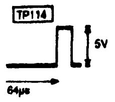
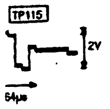
HSYNC
100
BK50
L8
L2
L11
L3
M3
L4
CHASSIS
CL1653

M



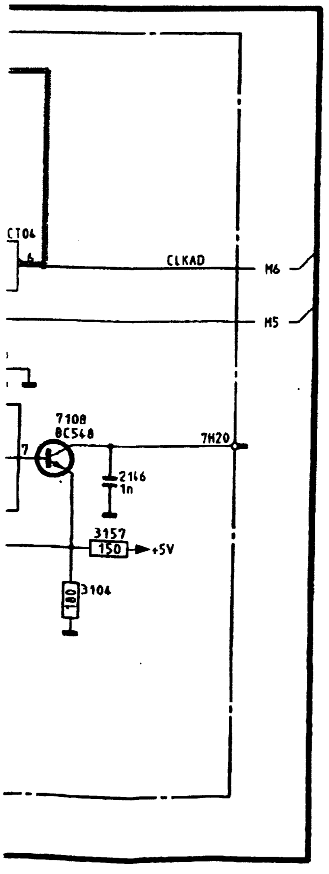






PRS.06964
T-26/113

	1100	I17	3115	K17	7207	M31
	2100	K29	3119	J26	7207	N31
	2101	L30	3120	J26	7209	K30
	2102	J17	3121	J27	7210	D 3
A	2103	J17	3122	I15	7210	D 6
	2104	K15	3124	I29	7210	H 6
	2105	J26	3124	N29	7210	L 6
	2106	J27	3125	I28	7210	I 3
	2108	I28	3126	J29	7211	B 9
	2109	I29	3127	J29	7212	F 9
	2110	I29	3131	M30	7213	J 9
	2111	J28	3132	M28	7214	D10
B	2112	I30	3133	M29	7215	F10
	2113	M27	3135	N29	7216	H10
	2114	M28	3137	N26	7217	K10
	2115	M29	3138	M26	7250	B14
	2116	N29	3140	M25	7251	D14
	2117	N28	3141	M25	7252	F14
	2118	M25	3142	N25	7253	D18
	2119	M25	3143	I15	7254	D24
C	2121	K13	3146	B25		
	2123	K32	3147	C26		
	2125	B26	3148	C25		
	2130	D 2	3151	D 3		
	2131	N18	3152	C 3		
	2133	N14	3153	B 3		
	2134	L15	3155	C 4		
D	2138	C27	3156	G 4		
	2139	E27	3157	L33		
	2140	E27	3158	D 5		
	2146	L33	3159	D 2		
	2147	C 4	3160	D 6		
	2148	G 3	3161	G 3		
	2149	K 3	3162	K 4		
	2150	C 2	3163	H 6		
E	2151	D 4	3164	H 2		
	2152	D 5	3165	L 6		
	2153	C 5	3166	L 2		
	2154	M 7	3168	L 3		
	2155	H 2	3169	B 5		
	2156	H 3	3170	M 8		
	2157	H 4	3171	M 6		
F	2158	G 5	3172	M 7		
	2159	L 2	3173	H 5		
	2160	L 3	3174	L 5		
	2161	L 4	3212	I13		
	2162	L 5	3217	M17		
	2164	C21	3251	B22		
	2166	D 8	3252	B23		
	2167	H 8	3253	B23		
G	2168	M 8	3254	B22		
	2169	M 5	3255	B22		
	2172	F12	3256	M 4		
	2173	H12	3262	F27		
	2174	J12	3274	L17		
	2175	L12	3275	L14		
	2175	F 7	3279	G20		
H	2176	B 7	3280	F20		
	2178	J 7	3281	F21		
	2179	E24	3296	N 7		
	2180	E23	3297	N 7		
	2182	N 2	3298	L 5		
	2182	N 8	3299	G 5		
	2182	N 6	3301	A 8		
	2185	G22	3302	E 8		
I	2186	G20	3303	J 8		
	2187	M30	3304	E 2		
	2188	M26	3305	D 2		
	2199	D 7	3306	E 3		
	2201	K28	3310	I 4		
	2233	C26	4007	I27		
	2250	F21	5100	J28		
	2251	C24	5101	N28		
J	2252	C25	5102	C26		
	2253	D23	5104	M11		
	2254	E23	5105	A15		
	2255	C20	5106	D15		
	2256	F24	5107	F15		
	2257	F25	5109	C20		
	2258	F25	5150	C 4		
K	2259	F26	5151	G 4		
	2260	F26	5152	L 4		
	2261	G26	6102	I27		
	2262	G27	6103	M27		
	2270	A15	6150	M 5		
	2271	D15	6160	F21		
	2272	F15	6250	C24		
	2277	C20	7100	J15		
L	2286	L 7	7103	I16		
	2287	H 7	7105	C25		
	2289	L 8	7108	K32		
	2291	L 8	7110	G21		
	2293	H 8	7111	G20		
	2295	H 8	7113	J14		
	2297	D 8	7116	J29		
M	2298	C10	7117	N29		
	2299	D 8	7119	C 5		
	2301	C 7	7120	C 6		
	2302	G 7	7121	G 6		
	2303	K 7	7122	K 6		
	2304	B 9	7123	N 6		
	2305	F 9	7124	G 4		
	2306	J 9	7125	K 4		
N	2307	B 7	7157	L16		
	2308	F 7	7158	L15		
	2309	K 7	7159	C 3		
	2312	C11	7160	B 3		
	3100	K29	7170	N 8		
	3101	L28	7204	I18		
	3102	I29	7205	I21		
	3103	L29	7206	M 9		
O	3104	M32	7206	J30		
	3110	J16	7206	J31		
	3111	J15	7206	J32		
	3113	J14	7207	M11		
	3114	J15	7207	N30		

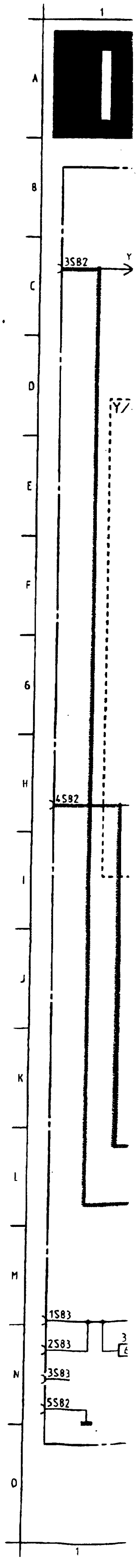


CHASSIS FL1.1

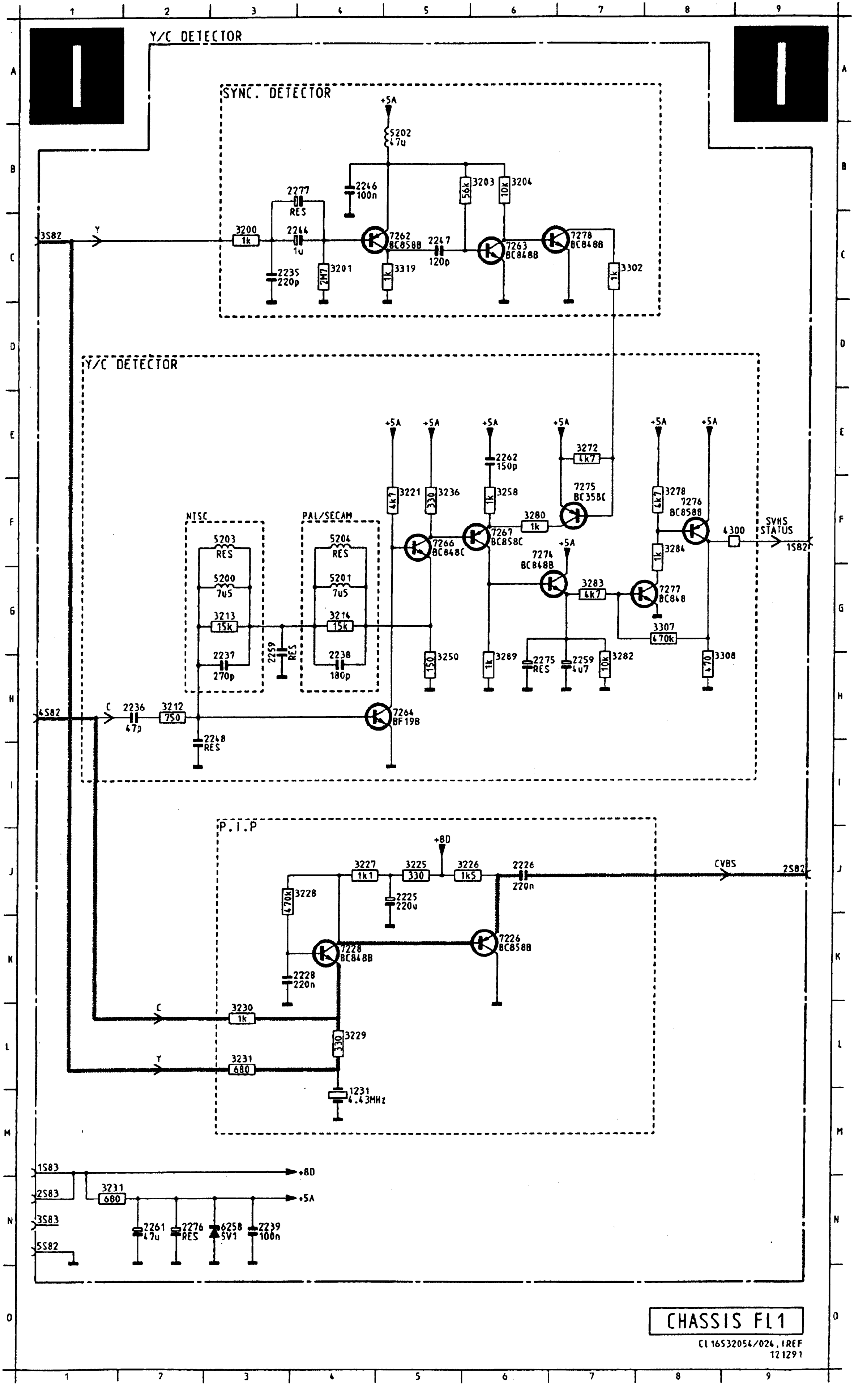
L

CL16532059/012,MREF
221091

32 33 34


1
A
B
C
3S82
Y
D
E
F
G
H
4S92
I
J
K
L
M
1S83
2S83
3S83
5S82
N
O
1

Y/C Detector Y/C Detektor Détecteur Y/C

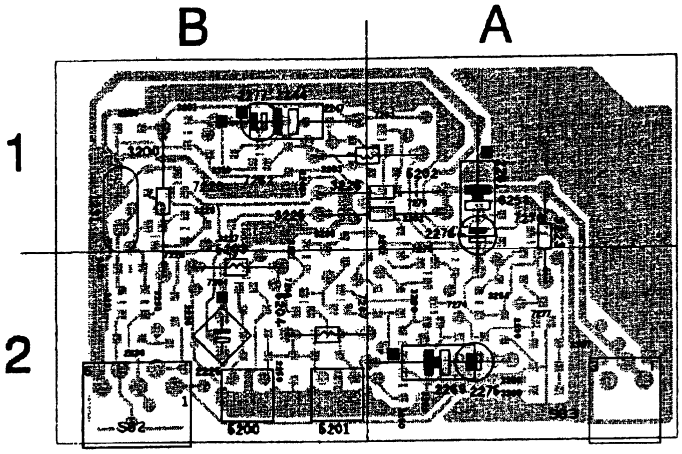

Y/C DETECTOR
SYNC. DETECTOR
+5A
5202 47u
2246 100n
3203 56k
3204 10k
2277 RES
3200 1k
2244 1u
7262 BC858B
2247 120p
7263 BC848B
7278 BC848B
2235 220p
3201 2M7
3319 1k
3302 1k
3S82
Y
Y/C DETECTOR
NTSC
5203 RES
5200 7u5
3213 15k
2237 270p
PAL/SECAM
5204 RES
5201 7u5
3214 15k
2238 180p
2259 RES
3221 4k7
3236 330
7266 BC848C
2262 150p
3258 1k
7267 BC858C
3272 4k7
7275 BC358C
3280 1k
7274 BC848B
3283 4k7
3278 4k7
7276 BC858B
3284 1k
7277 BC848
3307 470k
4300
SVHS STATUS
1S82
3250 150
3289 1k
2275 RES
2259 4u7
3282 10k
3308 470
4S82
C
2236 47p
3212 750
2248 RES
7264 BF198
P.I.P
+8D
3227 1k1
3225 330
3226 1k5
2226 220n
CVBS
2S82
3228 470k
2225 220u
7228 BC848B
7226 BC858B
2228 220n
3230 1k
3229 330
3231 680
1231 4.43MHz
1S83
2S83
3S83
5S82
3231 680
2261 47u
2276 RES
6258 5V1
2239 100n
+5A
CHASSIS FL1
CL 16532054/024.1REF
121291

1231	M	4
2225	J	5
2226	J	6
2228	K	3
2235	C	3
2236	H	2
2237	H	3
2238	H	4
2239	N	3
2244	C	4
2246	B	4
2247	C	5
2248	I	2
2259	G	3
2259	H	7
2261	N	2
2262	E	6
2275	H	6
2276	N	2
2277	B	4
3200	C	3
3201	C	4
3203	B	5
3204	B	6
3212	H	2
3213	G	3
3214	G	4
3221	F	5
3225	J	5
3226	J	5
3227	J	4
3228	J	4
3229	L	4
3230	L	3
3231	L	3
3231	N	1
3236	F	5
3250	G	5
3258	F	6
3272	E	7
3278	F	8
3280	F	6
3282	G	7
3283	G	7
3284	F	8
3289	G	6
3302	C	7
3307	G	8
3308	G	8
3319	C	5
4300	F	9
5200	G	3
5201	G	4
5202	B	5
5203	F	3
5204	F	4
6258	N	3
7226	K	6
7228	K	4
7262	C	5
7263	C	6
7264	H	5
7266	F	5
7267	F	6
7274	F	6
7275	F	7
7276	F	8
7277	G	8
7278	C	7

Y/C

31	M 4
25	J 5
26	J 6
28	K 3
35	C 3
36	H 2
37	H 3
38	H 4
39	N 3
44	C 4
46	B 4
47	C 5
48	I 2
59	G 3
59	H 7
61	N 2
62	E 6
75	H 6
76	N 2
77	B 4
00	C 3
01	C 4
03	B 5
04	B 6
12	H 2
13	G 3
14	G 4
21	F 5
25	J 5
26	J 5
27	J 4
28	J 4
29	L 4
30	L 3
31	L 3
31	N 1
36	F 5
50	G 5
58	F 6
72	E 7
78	F 8
30	F 6
32	G 7
33	G 7
34	F 8
39	G 6
02	C 7
07	G 8
08	G 8
19	C 5
00	F 9
00	G 3
01	G 4
02	B 5
03	F 3
04	F 4
58	N 3
26	K 6
28	K 4
52	C 5
53	C 6
54	H 5
56	F 5
57	F 6
74	F 6
75	F 7
76	F 8
77	G 8
78	C 7

Y/C Detector panel
Y/C Detektor Platine
Platine du détecteur Y/C



S82 B2	2239 A2	2276 A1	3221 B2	3250 A2	3307 A2	6258 A1	7276 A1
S83 A2	2244 B1	2277 B1	3223 A1	3258 B2	3308 A2	7226 B1	7277 A2
1231 B1	2246 B1	3190 A2	3225 A1	3272 A2	3319 B1	7228 B1	7278 A1
2225 B2	2247 B1	3200 B1	3226 A1	3278 A2	3991 A2	7262 B1	
2226 B2	2248 B2	3201 A1	3227 B1	3280 A2	4300 A2	7263 A1	
2228 B1	2259 B2	3203 B1	3228 B1	3282 A2	5200 B2	7264 B2	
2235 B1	2261 A1	3204 A1	3229 B2	3283 A2	5201 B2	7266 B2	
2236 B2	2262 B2	3212 B2	3230 B2	3284 A2	5202 B1	7267 B2	
2237 B2	2269 A2	3213 B2	3231 B2	3289 A2	5203 B2	7274 A2	
2238 B2	2275 A2	3214 B2	3236 B2	3302 A2	5204 B2	7275 A2	

Electrical adjustments

Setting conditions

- Unless stated otherwise, the supply voltage used is:
  220 - 240V ± 10%; 50 - 60Hz ± 5%
- Voltages and oscillograms are measured in relation to tuner earth. **Never** use the cooling plates as earth.
- Warming-up time ≈ 10 minutes
- For all measurements it is true that:
  probe Ri > 1MΩ; Ci < 10pF

1. Electrical settings on the large signal panel

1.1 +141V supply voltage
Supply the mains voltage; this must be isolated from the mains.
Connect a voltmeter over C2238.
Using R3371, on the SOPS DRIVE CIRCUIT (fig. 7.2) set the supply voltage to + 141V ± 0.5V.

1.2 Focusing
This is set with the focus potentiometer (top one on the Line output transformer).

1.3 Vg2 setting
Supply an aerial signal.
Set the contrast to maximum and the brightness and saturation to nominal.
Using an oscilloscope set to field frequency, measure the direct voltage level of the measurement pulse (fig. 7.1) on pin 9 of IC7705, IC7706 and IC7707 in relation to earth.
Now adjust the highest voltage level found with the aid of the Vg2 potentiometer (bottom left on the Line output transformer) to 150V ± 2V.

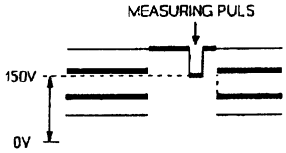


Fig. 7.1

1.4 Stable OSD
Short circuit pin 11 IC7401 to pin 13 IC7401
Short circuit pin 5 IC7755 to earth.
Measure the frequency on pin 16-IC7401 and set this to 15,625 Hz ± 25 Hz with R3434.
Remove the short circuits.

1.5 Horizontal synchronisation
Connect point 5-IC7400 to point 9-IC7400.
Supply an aerial signal and set the receiver.
Adjust potentiometer R3406 until the picture is straight.
Break the through connection.

1.6 Horizontal centring
Set using potentiometer R3513.

1.7 Picture width
Set using potentiometer R3607.

1.8 Vertical centring
Set using potentiometer R3467.

1.9 Picture height
Set using potentiometer R3410.

1.10 East/West correction
Set using potentiometer R3602.

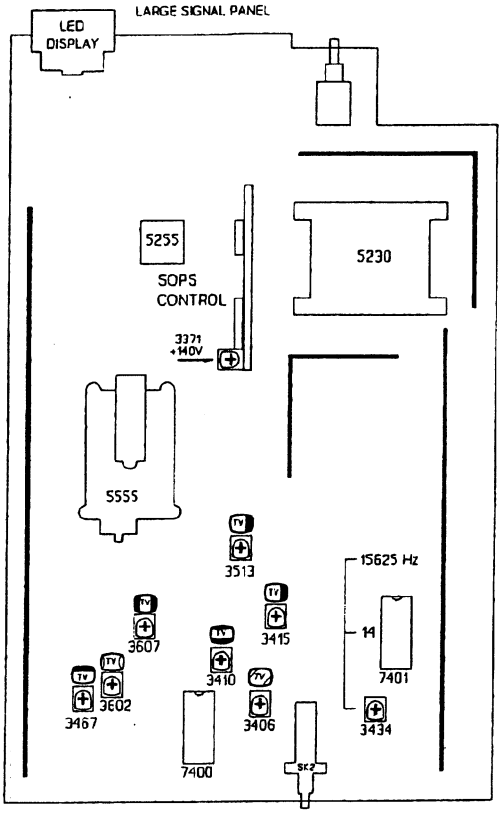


Fig. 7.2

2. Electrical settings on the small signal panel

2.1 Stereo audio channel separation
Connect a signal generator with a 2 carrier stereo signal ("stereo" mode).
Select 1kHz for the right-hand channel and switch off the sound for the left-hand channel.
Connect an oscilloscope to pin 3 of Euroconnector EXT1
Using R3602 on the small signal panel, set the amplitude of the signal to minimum amplitude.

2.2 4.43 MHz chroma suppression circuit
Supply a colour bar signal. Connect an oscilloscope to point 17 of IC7324 and set L5305 to minimum amplitude of the chrominance signal.

2.3a Electrical settings for sets with IC7364 - TDA4510

a-1 Chroma bandpass filter
Connect a signal generator (e.g. PM 5326) to pin 20 of the euroconnector (EXT1) and set its frequency to 4.43 MHz. Connect the unit to EXT1. Connect an oscilloscope to pin 9-IC7364.
Set L5354 to maximum amplitude.

a-2 Chroma auxiliary oscillator
Connect a pattern generator and supply a PAL colour bar pattern. Connect pin 11-IC7364 (TDA4510) to earth. Set C2380 so that the colour on the screen has practically stopped. Remove the interconnection.

2.3b Electrical settings for sets with IC7365 - TDA4650

b-1 Chroma bandpassfilter
Connect a signal generator (e.g. PM 5326) to pin 20 of the euroconnector (EXT1) and set its frequency to 4.286 MHz/0.2 Vpp. Switch the unit to EXT1. Connect pin 27-IC7365 to pin 13-IC7365 (+12V). Connect an oscilloscope to pin 15-IC7365.
Set L5345 to maximum amplitude.
Remove the interconnection.

b-2 4.50 MHz NTSC sound suppression
Connect a generator to point 20 of Euroconnector EXT1 with a frequency of 4.50 MHz and $200mV_{rms}$.
Connect point 26-IC7365 to point 13-IC7365.
Connect an oscilloscope to point 15 of IC7365.
Set L5346 to minimum amplitude.
Remove the short circuit.

b-3 6.50 MHz SECAM DK sound suppression
Connect a sine-wave generator to point 20 of Euroconnector EXT1 with a frequency of 6.50 MHz and $200mV_{rms}$.
Connect point 28-IC7365 to point 13-IC7365.
Connect an oscilloscope to point 15 of IC7365.
Set L5346 to minimum amplitude.
Remove the short circuit.

b-4 Chroma 8,87 MHz auxiliary oscillator
Connect a pattern generator and supply a PAL colour bar pattern. Connect pin 17-IC7365 (TDA4650) to earth. Set C2380 so that the colour on the screen has practically stopped. Remove the interconnection.

b-5 Chroma 7,16 MHz auxiliary oscillator
Connect a pattern generator and supply a PAL colour bar pattern. Connect pin 17-IC7365 (TDA4650) to earth. Set R2379 so that the colour on the screen has practically stopped. Remove the interconnection.

b-6 SECAM demodulators
Connect a pattern generator and supply a SECAM black pattern. Connect an oscilloscope to pin 3-IC7365. Set L5370 to minimum amplitude.
Connect the oscilloscope to pin 1-IC7365. Set R3370 to minimum amplitude.

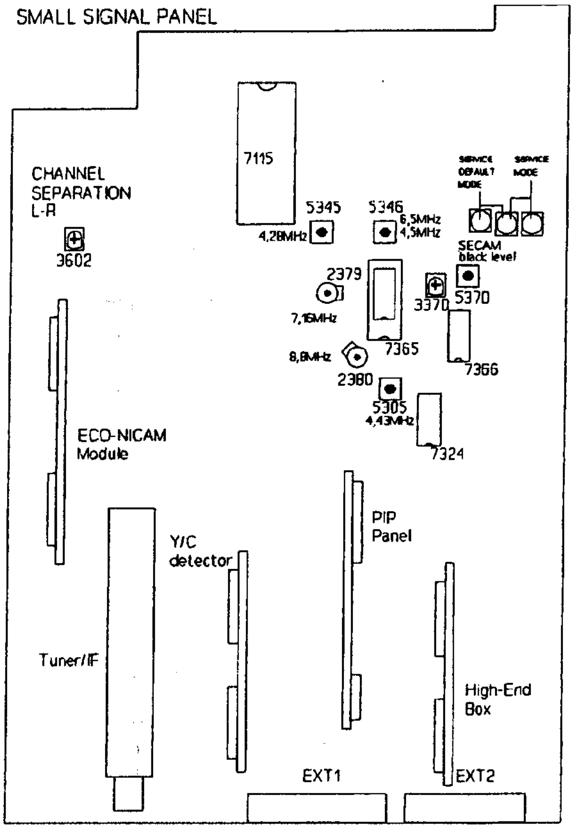


Fig. 7.3

PAL
5
he colour
nove the

PAL
5
ıe colour
nove the

SECAM
pin
de.
. Set

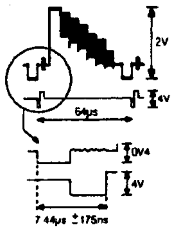
-End

3. Electrical adjustments on the high-end box

3.1 Synchronisation
Connect point 5 of IC7203 to earth. Adjust R3228 until the picture is straight.
Remove the short circuit.

3.2 13.5 MHz oscillator
Measure the signals at point 1 of IC7205 and at point 5 Of IC7203 simultaneously with an oscilloscope (fig. 7.2). Adjust coil L5100 so that the positive-going flank of the signal at point 1 of IC7205 comes 7.62 µsec after the negative-going flank of the sync pulse in the video signal (point 5 of IC7203).

3.3 27 MHz oscillator
Apply a PAL/SECAM signal. Short pin 28 of IC7204 to earth. Measure the frequency at point 6 of IC7207. Using L5101 set the frequency to 27 MHz ± 50 kHz.


2V
4V
64µs
0V4
4V
7.44µs ±175ns

PRS 08965
T-26/113

Fig. 7.4

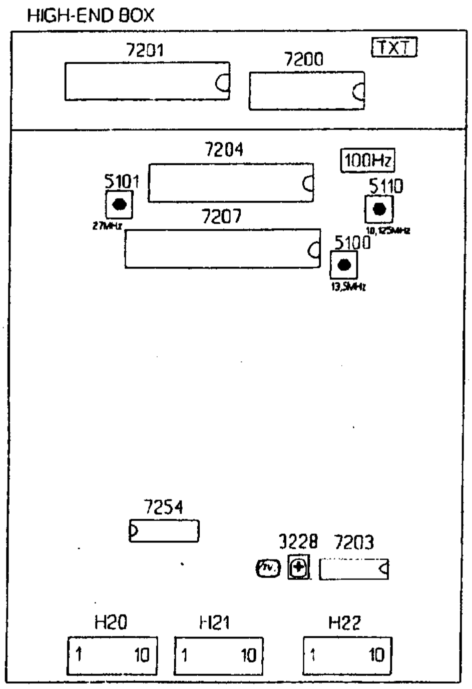

HIGH-END BOX
7201
7200
TXT
7204
100Hz
5101
5110
27MHz
7207
10,125MHz
5100
13,5MHz
7254
3228
7203
H20
H21
H22
1
10
1
10
1
10

Fig. 7.5

4. Electrical settings on the ECO-NICAM decoder panel

4.1 Neutral frequency adjustment
Connect a frequency counter via a probe (Ci ≤15pF) to pin 19 of IC7001 (SAA 7280) and pin 15 (GND).
Adjust C2015 in such a manner that the clock frequency is set at 728.025 kHz. (± 5Hz)

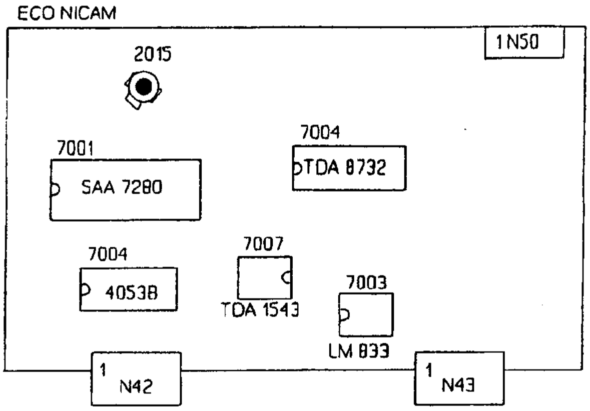

ECO NICAM
2015
1N50
7001
SAA 7280
7004
TDA 8732
7004
40538
7007
TDA 1543
7003
LM 833
1
N42
1
N43

Fig. 7.6

5. Y/C detector adjustment

PAL/SECAM
Inject a chroma signal of 4.418 MHz/200mV on pi 15 of EXT2 SCART (PL05).
Connect an oscilloscope to the collector of T7266 (T7). Using L5201 adjust the 4.418 MHz signal to maximum amplitude.

NTSC
As PAL/SECAM but with a signal of 3.582 MHz/200mV. Adjust with L5200.

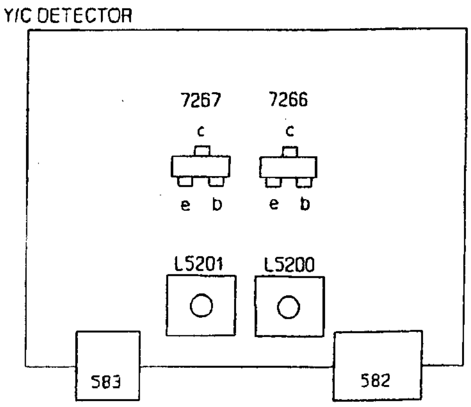

Y/C DETECTOR
7267
7266
c
c
e b
e b
L5201
L5200
583
582

Fig. 7.7

6. Electrical settings on the PIP panel

Before carrying out each setting, it should be ensured that a P.I.P. picture with colour bar is visible on the screen and the unit should have reached its operating temperature (after ≈ 20 min.).

6.1 Horizontal synchronisation
Supply an aerial or generator signal.
Connect pin 28-IC7125 to pin 13-IC7125.
Connect pin 5-IC7755 to earth.
Measure the frequency on pin 17-IC7755 and set this to 15,625 Hz ± 25 Hz with R3239.
Remove the short circuits.

6.2 AGC
If the picture from a strong local transmitter is distorted, adjust 3160 until the picture is not distorted.

6.3a Setting for PIP modules with TDA4510

a-1 Chroma bandpass filter
Connect a signal generator (e.g. PM 5326) to pin 10 of P17 and set its frequency to 4.43 MHz/0.2Vpp.
Connect an oscilloscope to pin 9-IC7126.
Set L5118 to maximum amplitude.

a-2 PAL chroma auxiliary oscillator
Connect a pattern generator and supply a PAL colour bar pattern. Connect pin 11-IC7126 (TDA4510) to earth.
Set C2202 so that the colour of the PIP picture is practically still.
Remove the interconnection.

a-3 The delayline
Connect a pattern generator and supply a PAL colour bar signal. Connect the X-input of the oscilloscope to pin 1-IC7126 (TDA4510). Connect the Y-input of the oscilloscope to 2-IC7126 (TDA4510). Set the oscilloscope to the X-Y position.
Set L5155 and L5157 so that the vectors lie in one line (points which are furthest from the origin).
Set the pattern generator to the "DEM" mode.
Set R3157 so that the vectors lie on top of one another in the origin.

6.3b Setting for PIP modules with TDA4554

b-1 Chroma bandpass filter
Connect a signal generator (e.g. PM 5326) to pin 10 of P17 and set its frequency to 4.286 MHz/0.2 Vpp.
Connect pin 27-IC7125 to 13-IC7125. Connect an oscilloscope to pin 15-IC7125.
Set L5118 to maximum amplitude.
Remove the interconnection.

b-2 PAL chroma auxiliary oscillator
Connect a pattern generator and supply a PAL colour bar pattern. Connect pin 17-IC7125 (TDA4554) to earth.
Set C2202 so that the colour of the PIP picture is practically still.
Remove the interconnection.

b-3 NTSC chroma auxiliary oscillator
Connect a pattern generator and supply an NTSC M colour bar pattern. Connect pin 17-IC7125 to earth. Set C2212 so that the colour of the PIP picture is practically still.
Remove the interconnection.

b-4 The delay line
Connect a pattern generator and supply a PAL colour bar signal. Connect the X-input of the oscilloscope to pin 1-IC7125 (TDA4554). Connect the Y-input of the oscilloscope to pin 3-IC7125 (TDA4554). Set the oscilloscope to the X-Y position.
Set L5155 and L5157 so that the vectors lie in one line (points which are furthest from the origin).
Set the pattern generator to the "DEM" mode.
Set R3157 so that the vectors lie on top of one another in the origin.

b-5 SECAM identification
Connect a pattern generator and supply a SECAM colour bar signal.
Connect pin 27-IC7125 to pin 13-IC7125.
Connect an oscilloscope to pin 21-IC7125.
Adjust L5190 to maximum DC level.
Remove the interconnection.

b-6 SECAM demodulators
Connect a pattern generator and supply a SECAM signal without contents (black). Connect pin 27-IC7125 to pin 13-IC7125. Connect an oscilloscope to pin 1-IC7125. Using L5175, set the DC level during the scan equal to the DC level during the flyback.
In the same way set L5170, but now measure at pin 3-IC7125.
Remove the interconnection.

PIP MODULE

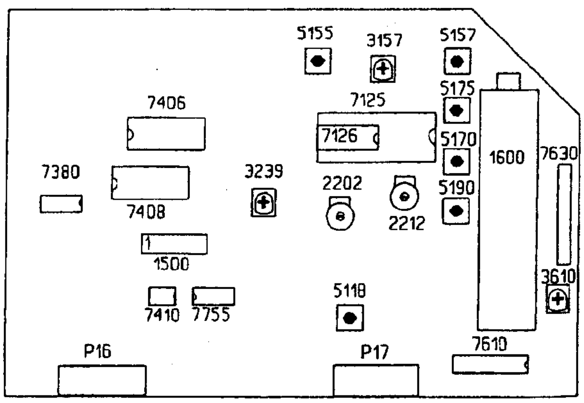


Fig. 7.8

7. Adjustments in the service menu

Switch in the service menu by connecting pins S23 and S24 on the small-signal panel briefly with each other (see section 9).
In the Service Mode the following menu appears in the picture:

SERVICE YY-MM-DD
a option 1 xxx
b option 2 xxx
c green xxx
d blue xxx

In this menu "YY-MM-DD" is the release date of the software which is present in the set. The desired adjustment can be selected with the aid of menu keys a, b or c on the remote control.
When the "PP store" key on the local keyboard is pressed, the adjusted values are stored in the memory and the Service Mode is left.

7.1 White balance

Connect a pattern generator and choose a white picture.

- Select c (green) or d (blue)
- Using P +/- adjust the values of green ("GREEN") and blue ("BLUE") until the desired white balance has been reached.
- Store the selected value by pressing the "PP store" key on the local keyboard.

7.2 Options

The control unit used in this set has been prepared for operation of all the functions possible with this set. For correct operation, however, the control unit has to "know" the functions/features located in the set. This is done with a so-called option code.

A number is allocated to each function. The possible functions are shown with their respective numbers in the tables alongside.

Optioncode 1
The numbers of the functions shown in the table have to be added to each other. The total forms the number for option code 1.

For example, a set has:

Function	*Number*
Front-end FQ618/ME/IF	2
A PIP module	8
	— +
Optioncode 1 now becomes	10

Option code 2
The number of the functions shown in the table have to be added to each other. The total forms the number for option code 2.

For example, a set has:

Function	*Number*
IC7175 present on SSP	1
100 Hz high-end box	4
	--- +
Option code 2 now becomes	5

The option codes are set as follows:

- Select a: option 1 or b: option 2
- Using P +/- set the desired option number.
- Store the value chosen by pressing the "**PP store**" key on the local keyboard.

These option codes are software adaptations. If the set has to be equipped for these features, the necessary hardware has also to be fitted.

Optioncode 1

Nbr.	Function
0	**Front end = FQ816/IF** A reception of PAL BG or PAL BG and SECAM BG is now possible.
1	**Front end = FQ844** Only reception of the UHF band is now possible.
2	**Front end = FQ816/ME/IF** Reception of SECAM L but not of SECAM L' is now possible (reception of NTSC-M is now usually also possible).
4	**Front end = FQ816/MF/IF** Reception of both SECAM L and SECAM L' is now possible (NTSC M reception is generally possible now via the Euroconnector).
8	**PIP module fitted** This makes it possible to show PIP (Picture In Picture) displays.
16	**NTSC-M reception possible** This is normally always in combination with front end FQ816/ME/IF or FQ816/MF/IF.
32	**SECAM DK module fitted** In this case transmissions using the SECAM DK system can also be received.
64	**NICAM module fitted** In this case the digital sound with NICAM transmission can be received.
128	**Second front end for PIP fitted** If this second front end is fitted a second transmitter can be displayed in the PIP picture. The PIP function (number 8) still applies.

Optioncode 2

Nbr.	Function
1	**IC7175 present on SSP** Applicable in case IC7175 (PCF8574) is present on the SSP (this is the case in all FL1.1 AC sets).
4	**100 Hz High-end box fitted** This will always be the case.
32	**NICAM module present** In this case the digital sound broadcast in NICAM transmissions can also be received (see further the number 64 of option code 1).

Repair tips

1. The Service Default Mode

The FL1.1 is equipped with a service default mode. The service default mode is a fixed, definite state to which the set can be switched.

1.1 Definition state

The definition of the fixed state in the service default mode is as follows:

- all sound and picture controls are in the central position (exception volume which is turned down)
- tuned to 475.25 MHz
- system:
  - * PAL/SECAM BG for Multi Europe
  - * PAL I for UK
  - * SECAM L for Multi French

1.2 Switch on and off

The service default mode is switched on by shorting pins S24 and S25 on the small signal panel.

The service default mode can only be switched off by switching the set to stand-by. If the set is switched off and then on again using the mains switch or the mains plug, the service default mode will remain on.

If the set switches to stand-by immediately after switching-on, the set cannot be operated and also cannot be switched to the service default mode. The child-proof lock has already been activated.
To deactivate the child-proof lock the following series of commands has to be given using the remote control (see also Section 9):
<MENU>-<BLUE>-<RED>-<MENU+>-<MENU OFF>

1.3 Fault signals

To indicate that the set is in the service default mode, the following is displayed on the screen:

SERVICE 00 00 05 06 05

The five numbers after the word "service" stand for the last five fault signals noted by the operator(s). The number on the extreme right represents the last fault signal, that on the extreme left the last fault signal but 4.
Since this enables fault reports to be looked at afterward, it means that intermittent faults can be traced.
When the set leaves the service default mode, the fault-report memory is cleared.

1.4 Operation

During the service default mode the set will accept all operating commands. When, however, the set is switched off and on, it will return to the state as defined above.

2. Software protection

If it is observed by the control that the front end has ceased to give an I²C response, or that IC7430, IC7600 and also IC 7680 are no longer giving any response, the set will switch to the protection mode since it will be assumed that the +5 V or the +13 V power-supply voltage is absent. This software protection device consists of a fault signal (LEDs ⏻ ✱ ∞, code99) and the switching of the set to stand-by. To enable the fault to be traced, the set has now to be switched to the service default mode. The software protection system is then switched out of circuit.

3. Replacement of EEPROM IC7137

If, during a repair, the EEPROM has to be replaced, the microprocessor will detect that the EEPROM is empty. A fault signal (No. 21) will then be displayed.
If the service mode is now activated (see section 7), the microprocessor will load the EEPROM with a number of standard values for the white balance and the other linear settings. These values, however, must all be checked and, if necessary, re-adjusted.
All options have also to be set, the programs installed and the personal preference set.

Faultfindingtree

front end
hat
10 longer
to the
J that the
ge is
consists
99) and
enable
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he
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37

e
that the
1) will

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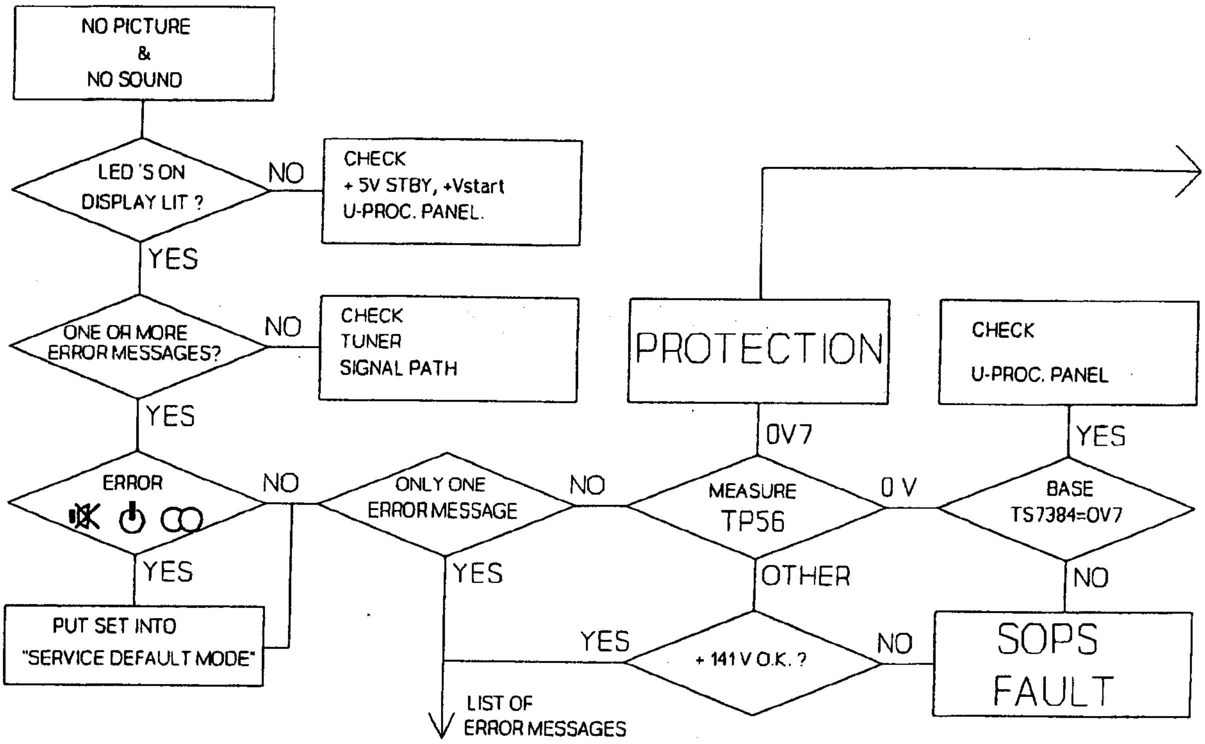
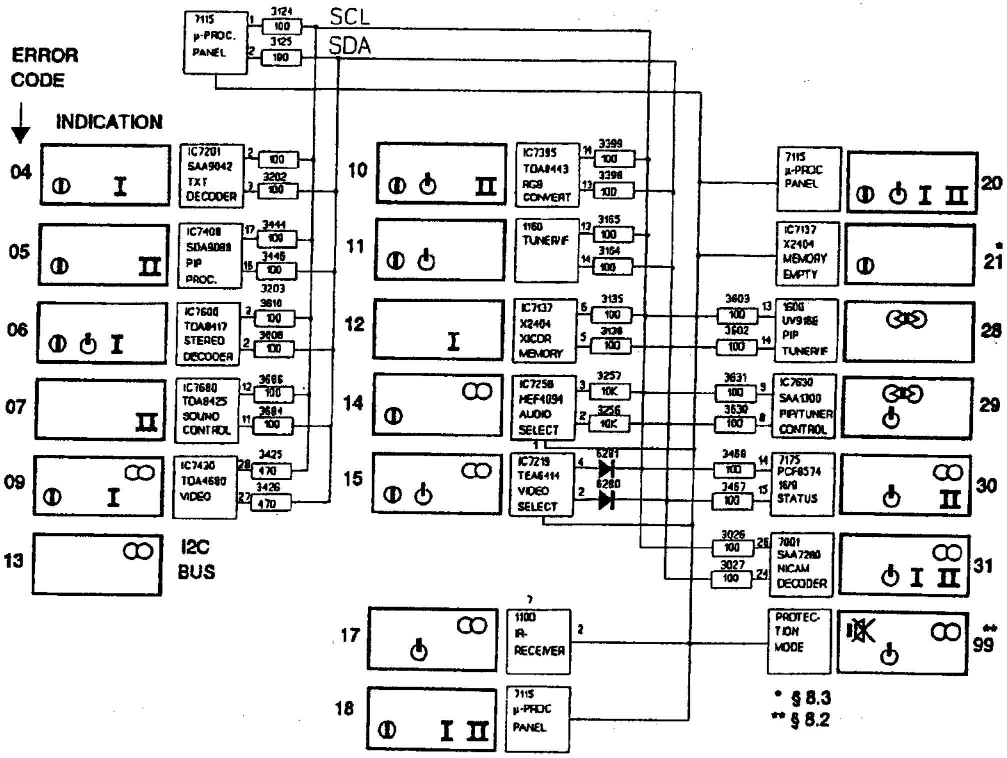
ROM
white
ese
d, if

ams

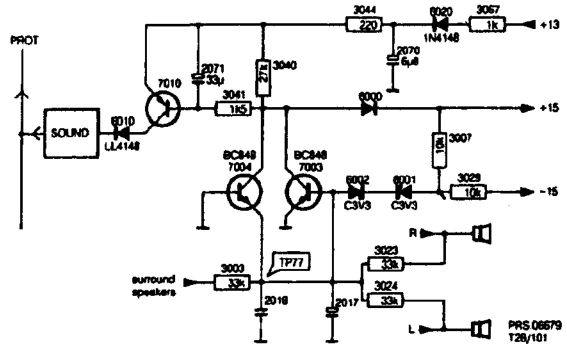

NO PICTURE & NO SOUND
LED 'S ON DISPLAY LIT ?
NO
CHECK + 5V STBY, +Vstart U-PROC. PANEL.
YES
ONE OR MORE ERROR MESSAGES?
NO
CHECK TUNER SIGNAL PATH
YES
ERROR
NO
YES
PUT SET INTO "SERVICE DEFAULT MODE"
ONLY ONE ERROR MESSAGE
NO
YES
LIST OF ERROR MESSAGES
PROTECTION
0V7
MEASURE TP56
0 V
OTHER
YES
+ 141 V O.K. ?
NO
SOPS FAULT
CHECK U-PROC. PANEL
YES
BASE TS7384=0V7
NO

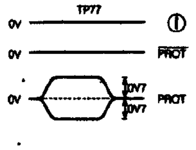
List of error messages

I^{2}C Blockdiagram

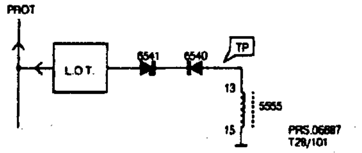

ERROR CODE
INDICATION
SCL
SDA
7115 µ-PROC. PANEL
04
05
06
07
09
13
I2C BUS
IC7201 SAA5042 TXT DECODER
IC7408 SDA9088 PIP PROC.
IC7600 TDA8417 STEREO DECODER
IC7680 TDA8425 SOUND CONTROL
IC7430 TDA4680 VIDEO
10
11
12
14
15
17
18
IC7395 TDA8443 RGB CONVERT
1160 TUNER/IF
IC7137 X2404 XICOR MEMORY
IC7258 HEF4094 AUDIO SELECT
IC7219 TEA6414 VIDEO SELECT
1100 IR-RECEIVER
7115 µ-PROC PANEL
7115 µ-PROC PANEL
IC7137 X2404 MEMORY EMPTY
1500 UV916E PIP TUNER/IF
IC7630 SAA1300 PIP/TUNER CONTROL
7175 PCF8574 16/9 STATUS
7001 SAA7280 NICAM DECODER
PROTECTION MODE
20
21
28
29
30
31
99
* § 8.3
** § 8.2

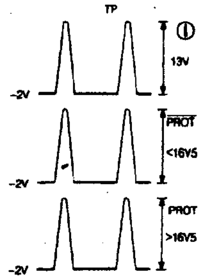
Protection

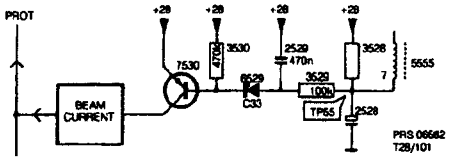

PROT
SOUND
6010
LL4148
7010
2071
33µ
3041
1k5
27k
3040
3044
220
6020
1N4148
3067
1k
+13
2070
6µ8
6000
+15
10k
3007
BC848
7004
BC848
7003
6002
C3V3
6001
C3V3
3029
10k
-15
R
3023
33k
3024
33k
L
surround speakers
3003
33k
TP77
2018
2017
PRS 06679
T28/101

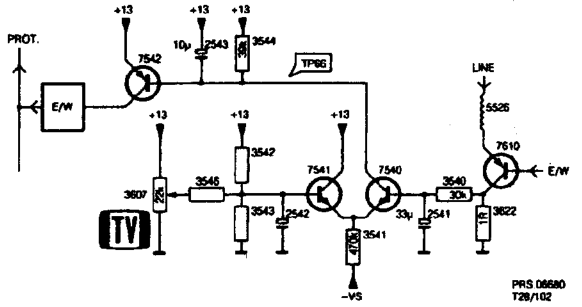


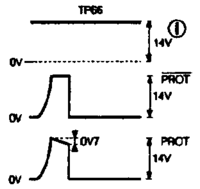
EHT

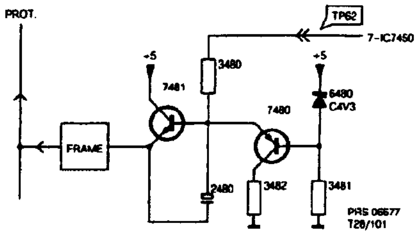

PROT
L.O.T.
6541
6540
TP
13
5555
15
PRS.06687
T28/101

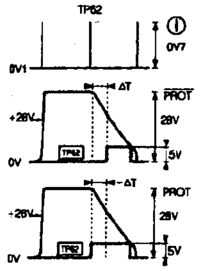



PROT
+28
+28
+28
+28
BEAM CURRENT
7530
470k
3530
6529
C33
2529
470n
3529
100k
TP55
3528
7
5555
2528
PRS 06682
T28/101

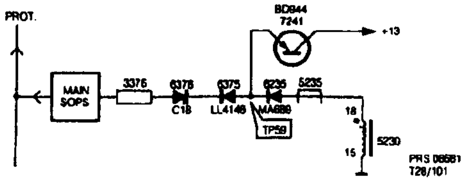

PROT.
+13
+13
+13
E/W
7542
10µ
2543
39k
3544
TP66
LINE
5526
+13
+13
+13
7610
E/W
3607
22k
3545
3542
7541
7540
3540
30k
3543
2542
33µ
2541
1k
3622
TV
470k
3541
-VS
PRS 06680
T28/102

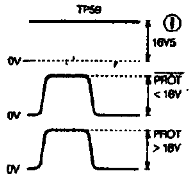



PROT.
TP62
7-IC7450
+5
3480
+5
7481
6480
C4V3
7480
FRAME
2480
3482
3481
PRS 06677
T28/101



+V


PROT.
BD944
7241
+13
MAIN SOPS
3376
6376
C18
6375
LL4148
6235
MA686
5235
TP59
18
5230
15
PRS 06681
T28/101



4. S
D

4.1 G
a. O
sc
b. A
o
di
h
Th
m
c. R
m
ci
sh
m
he
cc
N
ca
Sl
su

4.2 R
a. H
th
fo
so
so
b. W
it
ea
c. R
m

Caution
a. W
pr
b. W
wi
c. Th
pr
(s
d. Th

4. Servicing of SMDs (Surface Mounted Devices)

4.1 General cautions on handling and storage

a. Oxidation on the terminals of SMDs results in poor soldering. Do not handle SMDs with bare hands.

b. Avoid using storage places that are sensitive to oxidation such as places with sulphur or chlorine gas, direct sunlight, high temperatures or a high degree of humidity.
The capacitance or resistance value of the SMDs may be affected by this.

c. Rough handling of circuit boards containing SMDs may cause damage to the components as well as the circuit boards. Circuit boards containing SMDs should never be bent or flexed. Different circuit board materials expand and contract at different rates when heated or cooled and the components and/or solder connections may be damaged due to the stress. Never rub or scrape chip components as this may cause the value of the component to change. Similarly, do not slide the circuit board across any surface.

4.2 Removal of SMDs

a. Heat the solder (for 2-3 seconds) at each terminal of the chip. By means of litz wire and a slight horizontal force, small components can be removed with the soldering iron. They can also be removed with a solder sucker (see Fig. 8.1A) or:

b. While holding the SMD with a pair of tweezers, take it off gently using the soldering iron's heat applied to each terminal (see Fig. 8.1B).

c. Remove the excess solder on the solder lands by means of litz wire or a solder sucker (see Fig. 8.1C).

Caution on removal:

a. When handling the soldering iron, use suitable pressure and be careful.

b. When removing the chip, do not use undue force with the pair of tweezers.

c. The soldering iron to be used (approx. 30 W) should preferably be equipped with a thermal control (soldering temperature: 225 to 250°C).

d. The chip, once removed, must never be reused.

4.3 Attachment of SMDs

a. Locate the SMD on the solder lands by means of tweezers and solder the component on one side. Ensure that the component is positioned correctly on the solder lands (see Fig. 8.2A).

b. Next complete the soldering of the terminals of the component (see Fig. 8.2B).

Caution when attaching SMDs:

a. When soldering the SMD terminals, do not touch them directly with the soldering iron. The soldering should be done as quickly as possible; care must be taken to avoid damage to the terminals of the SMDs themselves.

b. Keep the SMD's body in contact with the printed board when soldering.

c. The soldering iron to be used (approx. 30 W) should preferably be equipped with a thermal control (soldering temperature: 225 to 250°C).

d. Soldering should not be done outside the solder land.

e. Soldering flux (of rosin) may be used, but should not be acidic.

f. After soldering, let the SMD cool down gradually at room temperature.

g. The quantity of solder must be proportional to the size of the solder land. If the quantity is too great, the SMD might crack or the solder lands might be torn loose from the printed board (see Fig. 8.3).

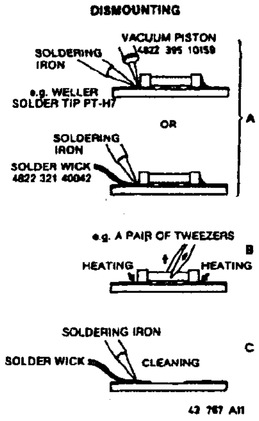

DISMOUNTING
VACUUM PISTON
4822 395 10159
SOLDERING IRON
e.g. WELLER SOLDER TIP PT-H7
OR
SOLDERING IRON
SOLDER WICK
4822 321 40042
A
e.g. A PAIR OF TWEEZERS
B
HEATING
HEATING
SOLDERING IRON
C
SOLDER WICK
CLEANING
43 767 A11

Fig. 8.1

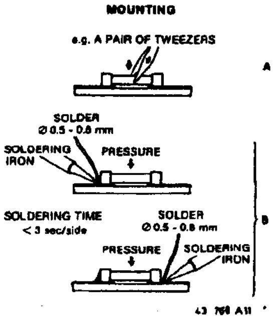

MOUNTING
e.g. A PAIR OF TWEEZERS
A
SOLDER
Ø 0.5 - 0.8 mm
SOLDERING IRON
PRESSURE
SOLDERING TIME
< 3 sec/side
SOLDER
Ø 0.5 - 0.8 mm
PRESSURE
SOLDERING IRON
B
43 768 A11

Fig. 8.2

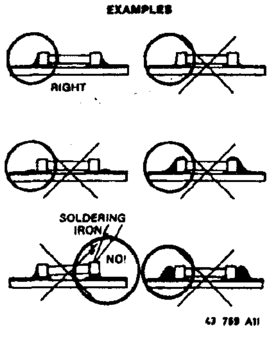
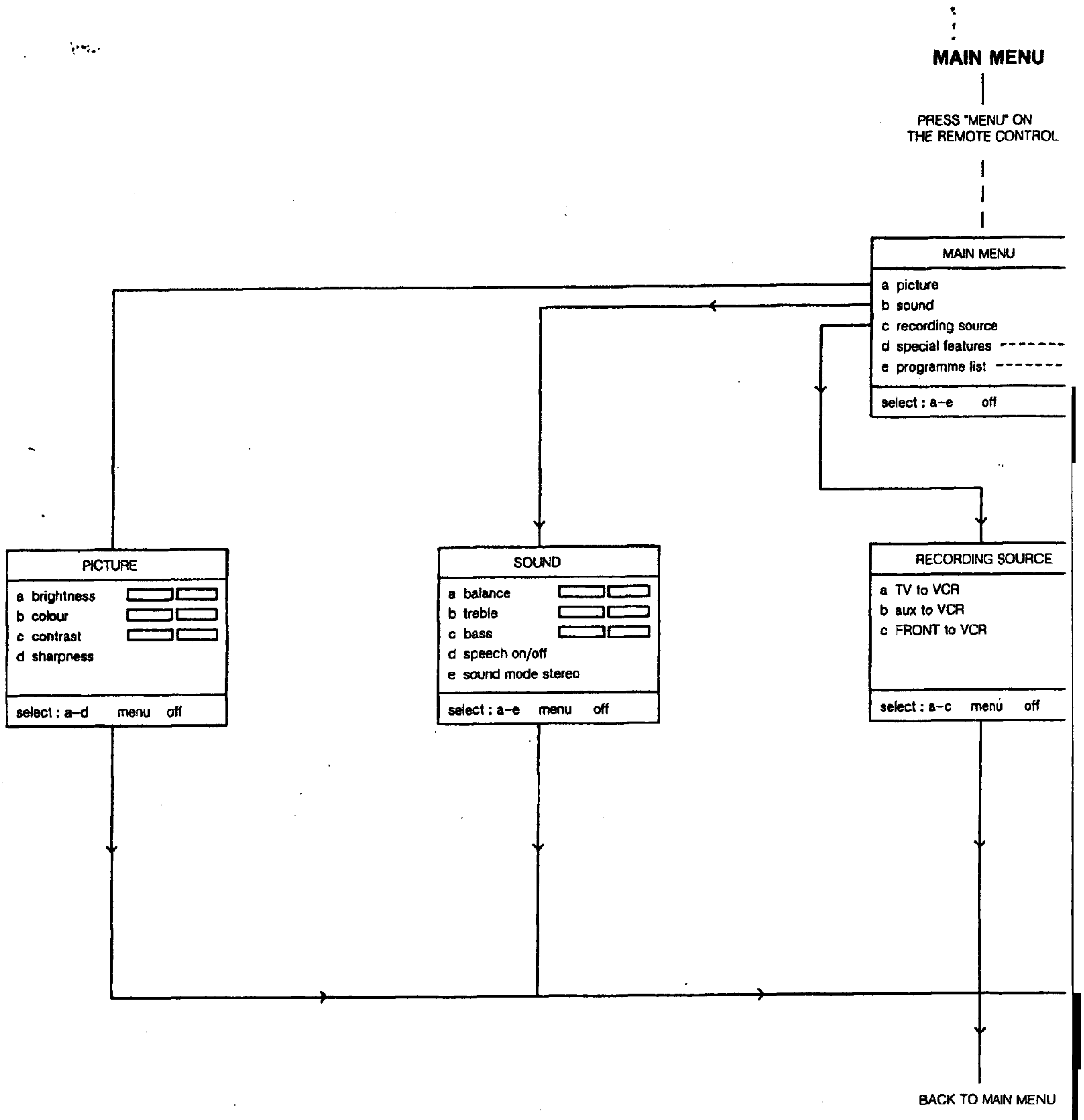
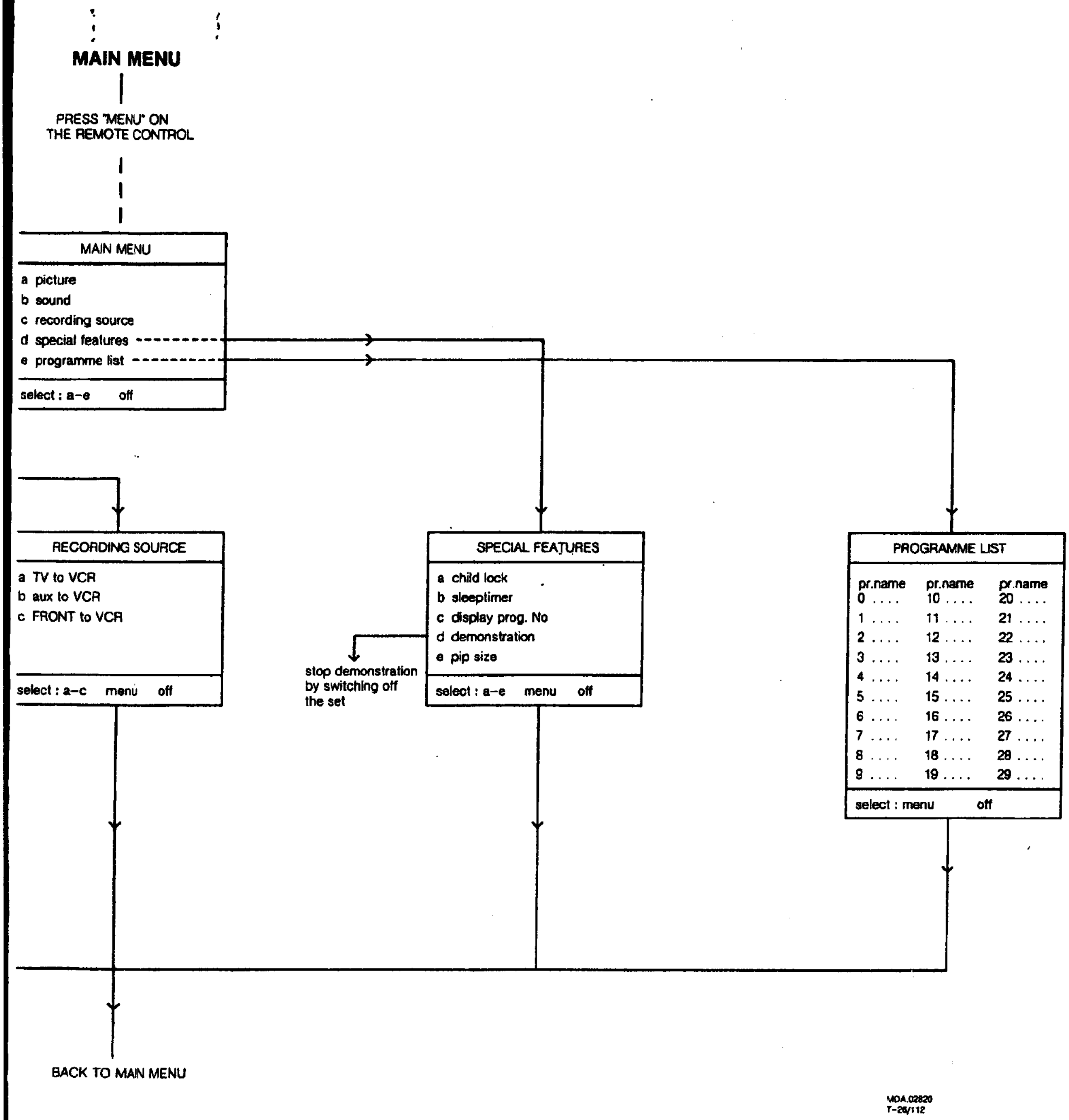

EXAMPLES
RIGHT
SOLDERING IRON
NO!
43 769 A11

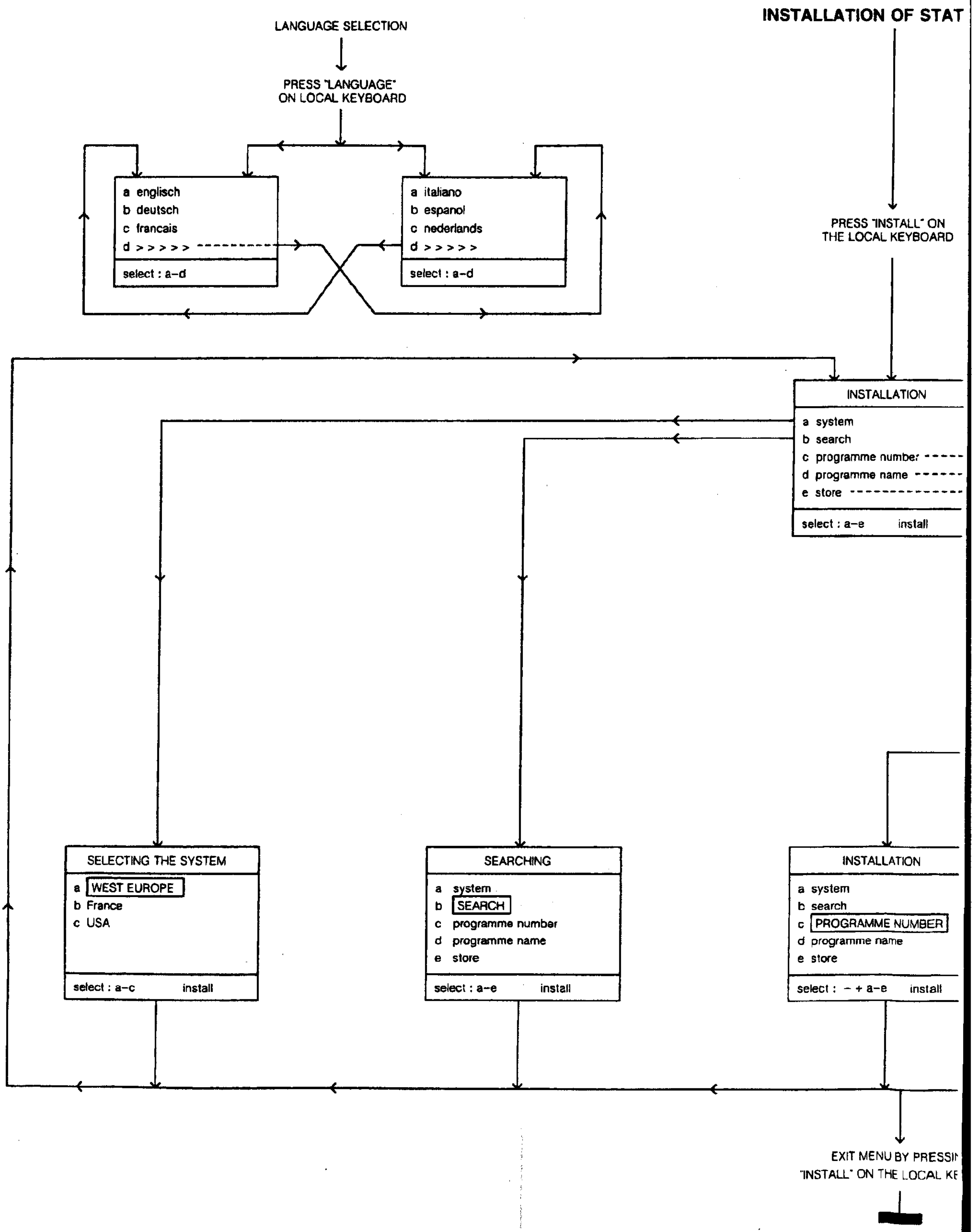
Fig. 8.3

Survey of menus FL1.1

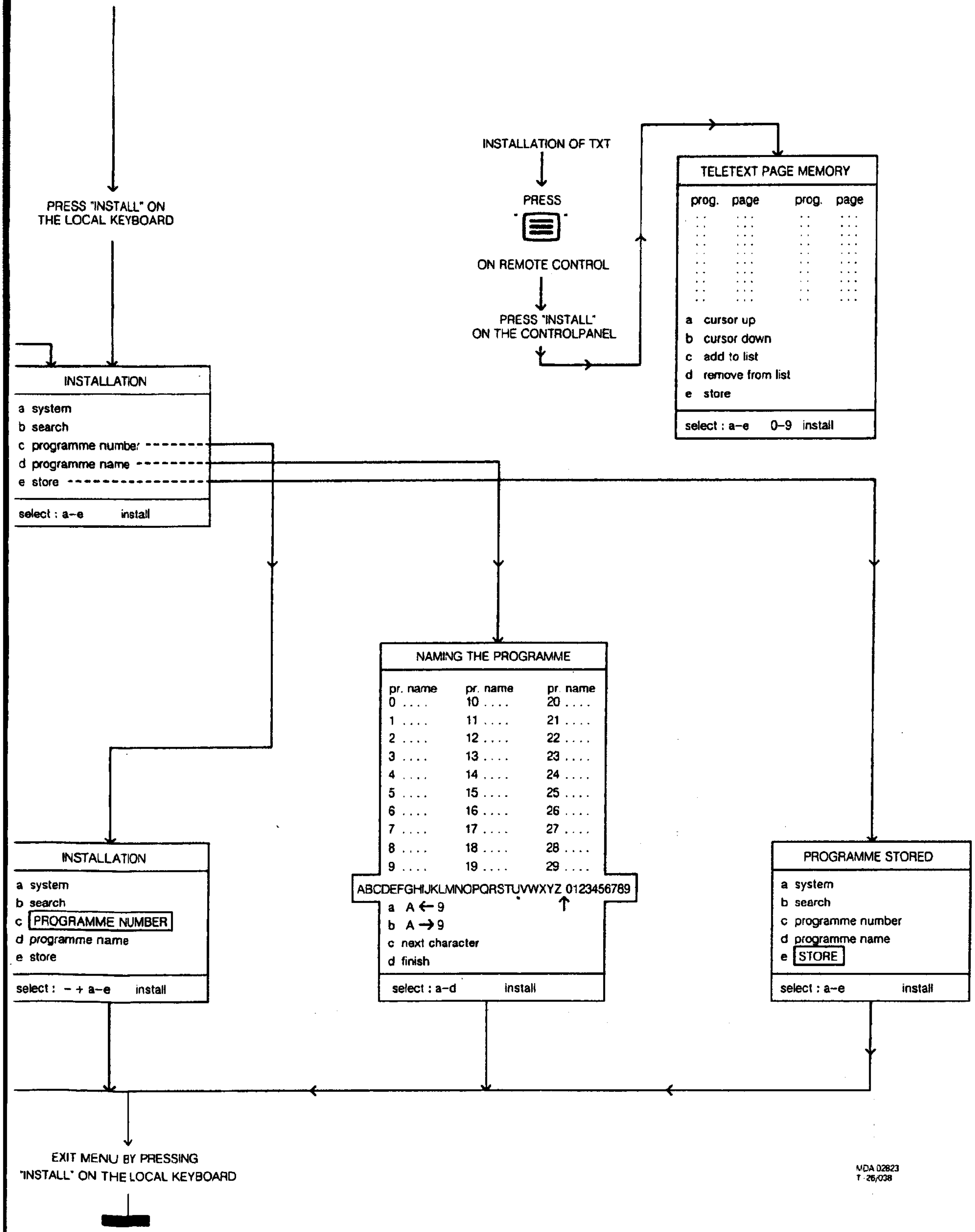

MAIN MENU
PRESS "MENU" ON THE REMOTE CONTROL
MAIN MENU
a picture
b sound
c recording source
d special features
e programme list
select : a–e off
PICTURE
a brightness
b colour
c contrast
d sharpness
select : a–d menu off
SOUND
a balance
b treble
c bass
d speech on/off
e sound mode stereo
select : a–e menu off
RECORDING SOURCE
a TV to VCR
b aux to VCR
c FRONT to VCR
select : a–c menu off
BACK TO MAIN MENU


MAIN MENU
PRESS "MENU" ON THE REMOTE CONTROL
MAIN MENU
a picture
b sound
c recording source
d special features
e programme list
select : a–e off
RECORDING SOURCE
a TV to VCR
b aux to VCR
c FRONT to VCR
select : a–c menu off
SPECIAL FEATURES
a child lock
b sleeptimer
c display prog. No
d demonstration
e pip size
select : a–e menu off
stop demonstration by switching off the set
PROGRAMME LIST
pr.name pr.name pr.name
0 .... 10 .... 20 ....
1 .... 11 .... 21 ....
2 .... 12 .... 22 ....
3 .... 13 .... 23 ....
4 .... 14 .... 24 ....
5 .... 15 .... 25 ....
6 .... 16 .... 26 ....
7 .... 17 .... 27 ....
8 .... 18 .... 28 ....
9 .... 19 .... 29 ....
select : menu off
BACK TO MAIN MENU
MDA.02820
T-26/112

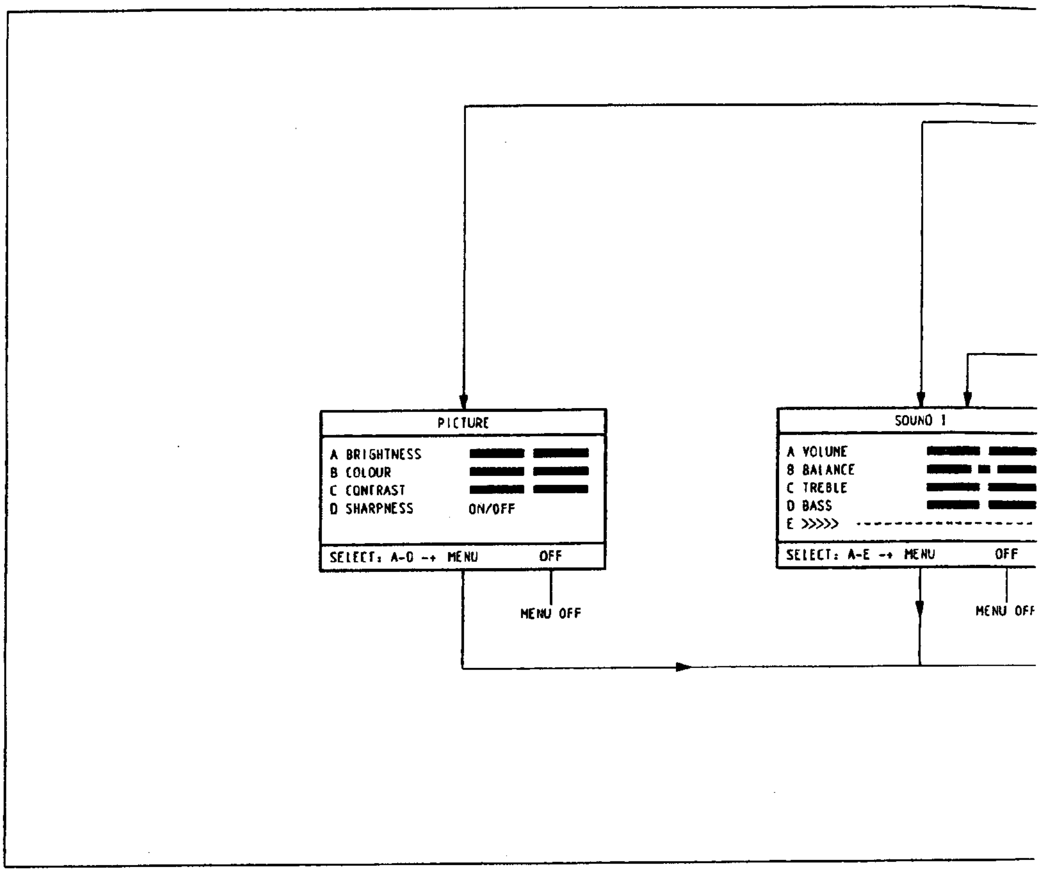
Survey of menus FL1.1

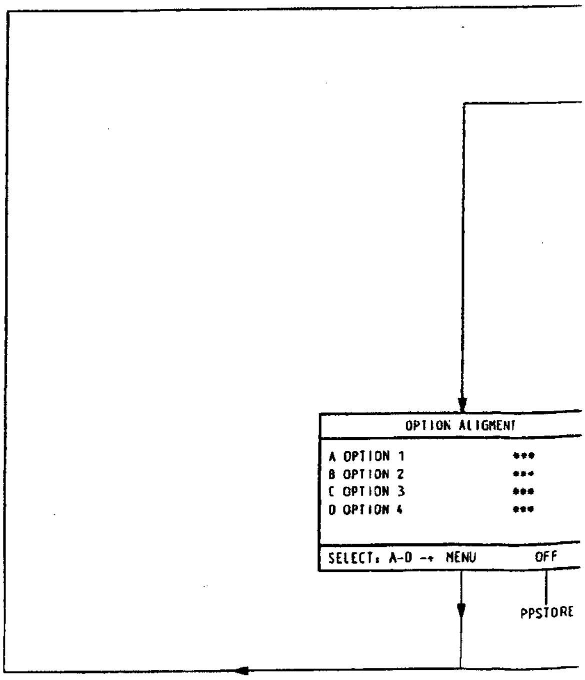

INSTALLATION OF STAT
LANGUAGE SELECTION
PRESS "LANGUAGE" ON LOCAL KEYBOARD
a englisch
b deutsch
c francais
d > > > > >
select : a–d
a italiano
b espanol
c nederlands
d > > > > >
select : a–d
PRESS "INSTALL" ON THE LOCAL KEYBOARD
INSTALLATION
a system
b search
c programme number
d programme name
e store
select : a–e install
SELECTING THE SYSTEM
a WEST EUROPE
b France
c USA
select : a–c install
SEARCHING
a system
b SEARCH
c programme number
d programme name
e store
select : a–e install
INSTALLATION
a system
b search
c PROGRAMME NUMBER
d programme name
e store
select : – + a–e install
EXIT MENU BY PRESSI
"INSTALL" ON THE LOCAL KE

ALLATION OF STATIONS

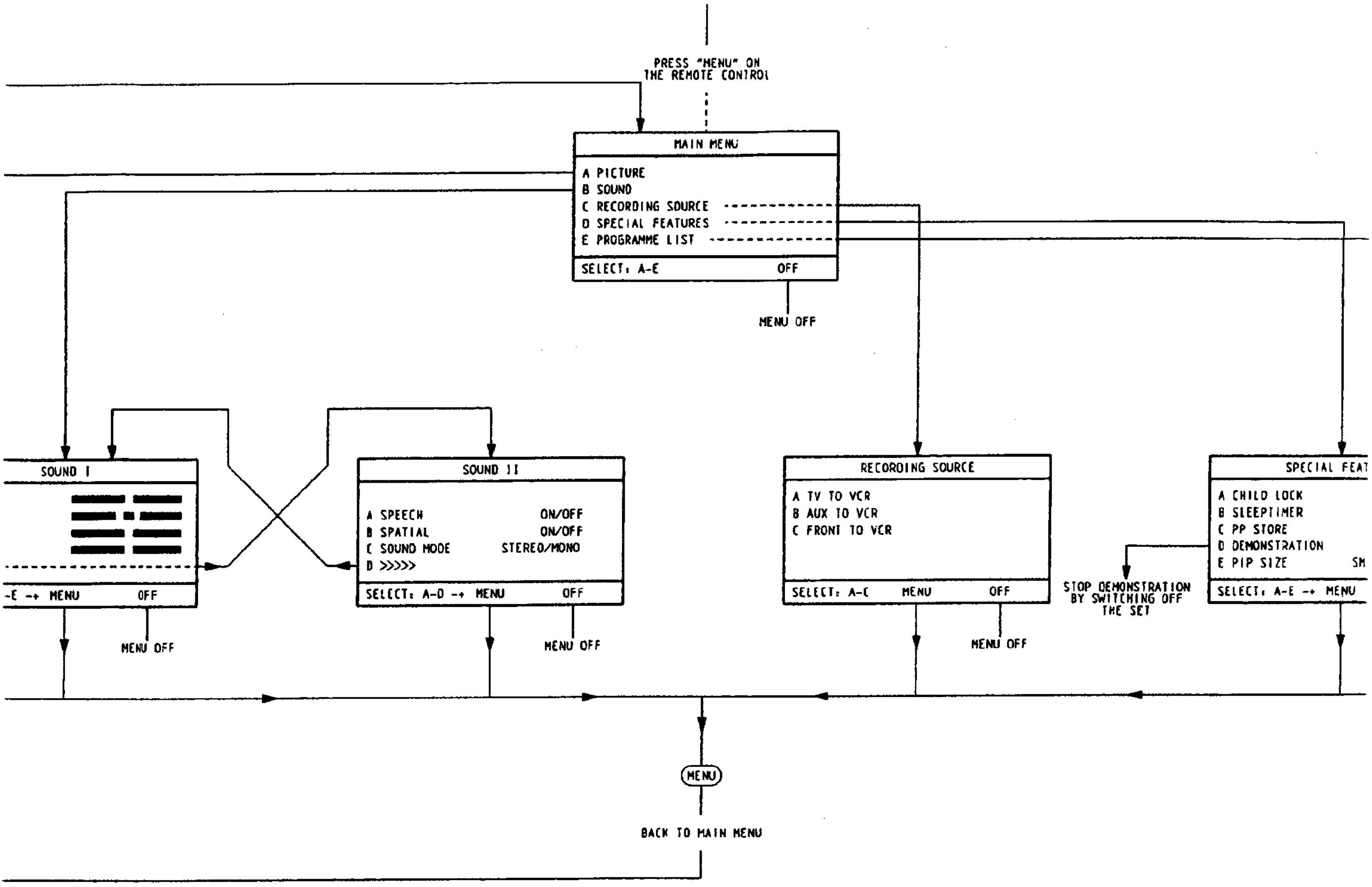

PRESS "INSTALL" ON THE LOCAL KEYBOARD
INSTALLATION
a system
b search
c programme number
d programme name
e store
select : a–e install
INSTALLATION OF TXT
PRESS
ON REMOTE CONTROL
PRESS "INSTALL" ON THE CONTROLPANEL
TELETEXT PAGE MEMORY
prog. page prog. page
a cursor up
b cursor down
c add to list
d remove from list
e store
select : a–e 0–9 install
NAMING THE PROGRAMME
pr. name pr. name pr. name
0 .... 10 .... 20 ....
1 .... 11 .... 21 ....
2 .... 12 .... 22 ....
3 .... 13 .... 23 ....
4 .... 14 .... 24 ....
5 .... 15 .... 25 ....
6 .... 16 .... 26 ....
7 .... 17 .... 27 ....
8 .... 18 .... 28 ....
9 .... 19 .... 29 ....
ABCDEFGHIJKLMNOPQRSTUVWXYZ 0123456789
a A ← 9
b A → 9
c next character
d finish
select : a–d install
INSTALLATION
a system
b search
c PROGRAMME NUMBER
d programme name
e store
select : – + a–e install
PROGRAMME STORED
a system
b search
c programme number
d programme name
e STORE
select : a–e install
EXIT MENU BY PRESSING "INSTALL" ON THE LOCAL KEYBOARD
MDA 02823
T 26/038

Survey of menus FL1.7

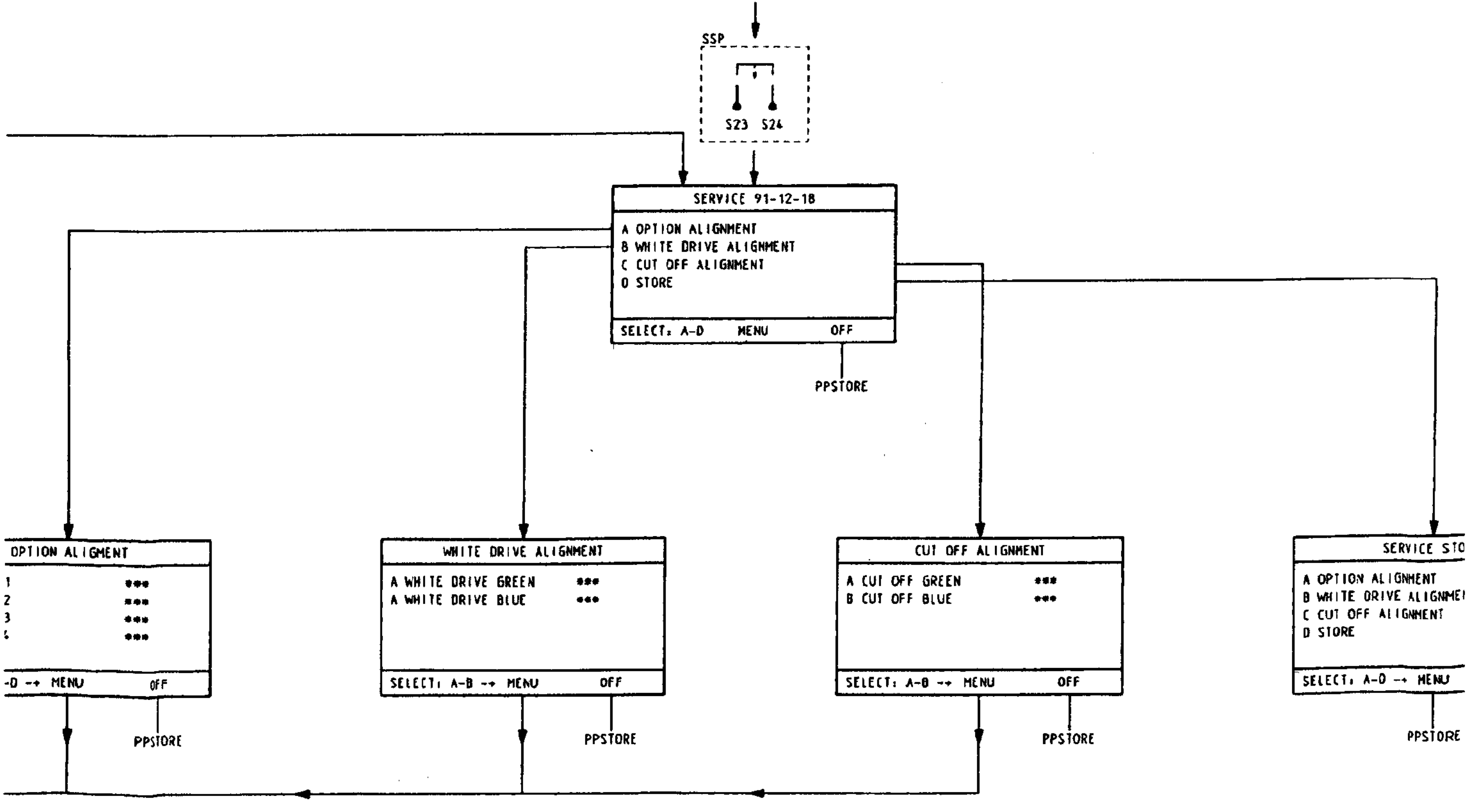

PICTURE
A BRIGHTNESS
B COLOUR
C CONTRAST
D SHARPNESS ON/OFF
SELECT: A-D → MENU OFF
MENU OFF
SOUND 1
A VOLUME
B BALANCE
C TREBLE
D BASS
E >>>>>
SELECT: A-E → MENU OFF
MENU OFF

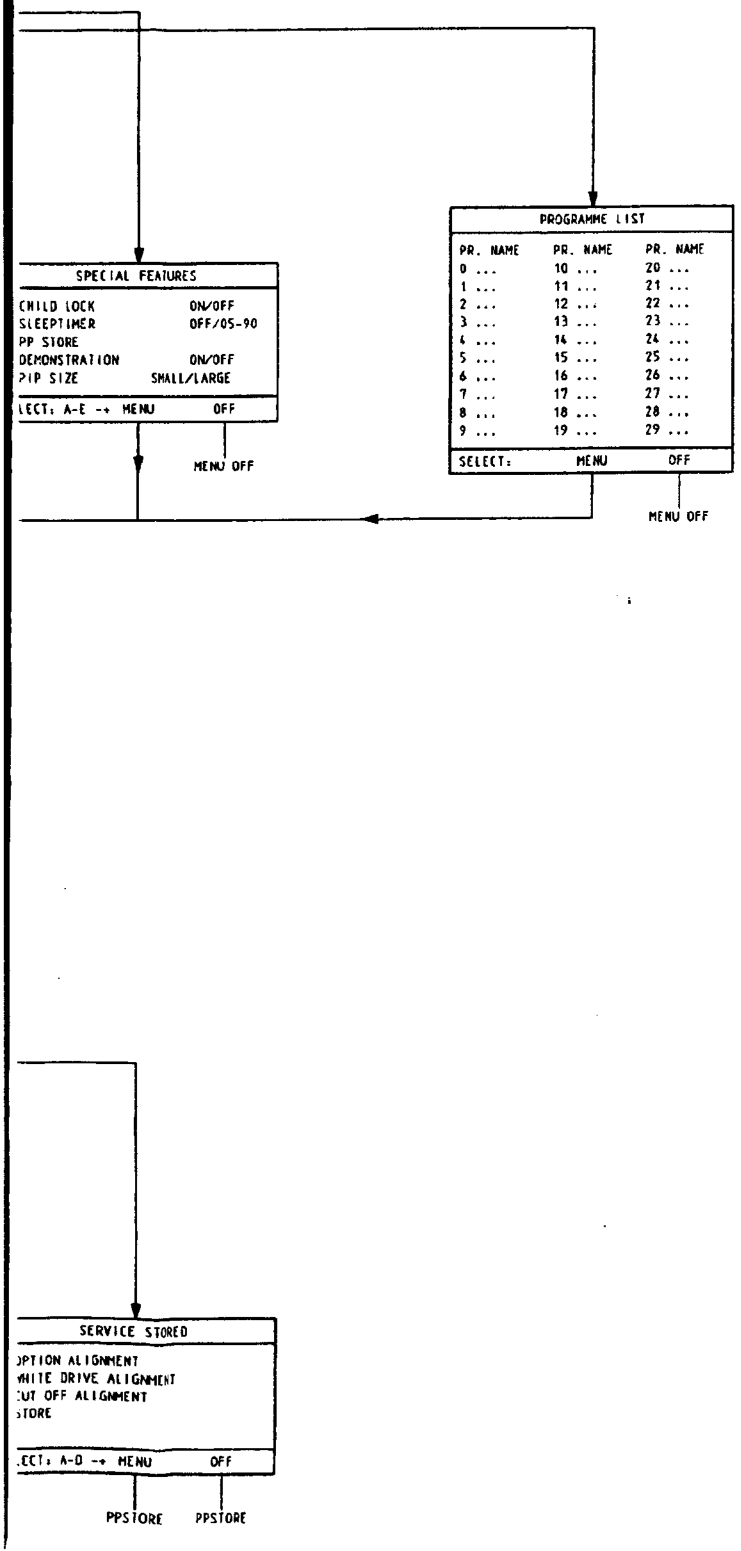

OPTION ALIGMENT
A OPTION 1 ***
B OPTION 2 ***
C OPTION 3 ***
D OPTION 4 ***
SELECT: A-D → MENU OFF
PPSTORE

MAIN MENU

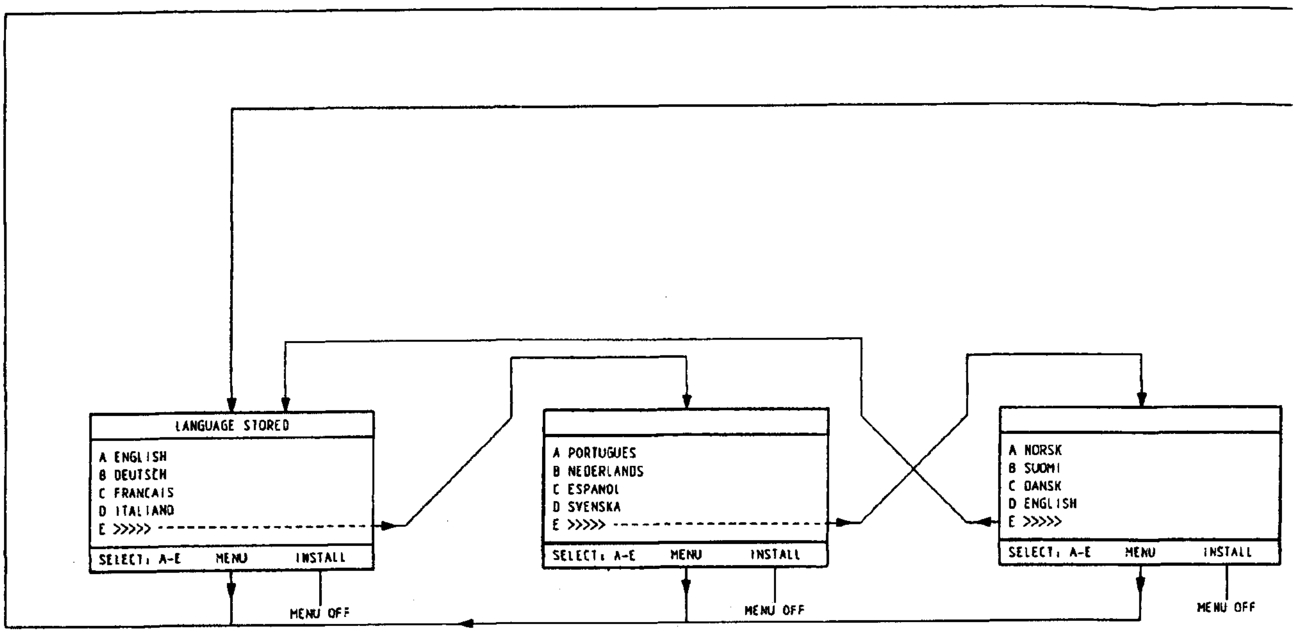

PRESS "MENU" ON
THE REMOTE CONTROL
MAIN MENU
A PICTURE
B SOUND
C RECORDING SOURCE
D SPECIAL FEATURES
E PROGRAMME LIST
SELECT: A-E
OFF
MENU OFF
SOUND I
-E → MENU
OFF
MENU OFF
SOUND II
A SPEECH ON/OFF
B SPATIAL ON/OFF
C SOUND MODE STEREO/MONO
D >>>>>
SELECT: A-D → MENU
OFF
MENU OFF
RECORDING SOURCE
A TV TO VCR
B AUX TO VCR
C FRONT TO VCR
SELECT: A-C
MENU
OFF
MENU OFF
SPECIAL FEAT
A CHILD LOCK
B SLEEPTIMER
C PP STORE
D DEMONSTRATION
E PIP SIZE
SELECT: A-E → MENU
STOP DEMONSTRATION
BY SWITCHING OFF
THE SET
MENU
BACK TO MAIN MENU

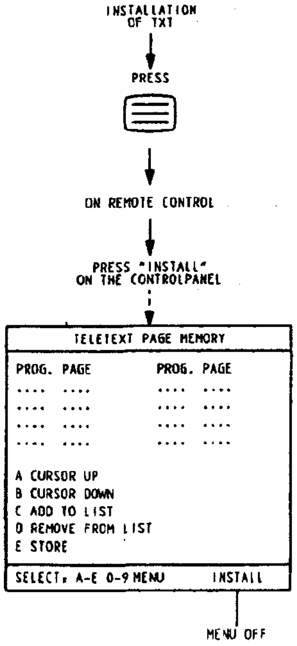
SERVICE MENU


SSP
S23
S24
SERVICE 91-12-18
A OPTION ALIGNMENT
B WHITE DRIVE ALIGNMENT
C CUT OFF ALIGNMENT
D STORE
SELECT: A-D
MENU
OFF
PPSTORE
OPTION ALIGMENT
1 ***
2 ***
3 ***
4 ***
-D → MENU
OFF
PPSTORE
WHITE DRIVE ALIGNMENT
A WHITE DRIVE GREEN ***
A WHITE DRIVE BLUE ***
SELECT: A-B → MENU
OFF
PPSTORE
CUT OFF ALIGNMENT
A CUT OFF GREEN ***
B CUT OFF BLUE ***
SELECT: A-B → MENU
OFF
PPSTORE
SERVICE STO
A OPTION ALIGNMENT
B WHITE DRIVE ALIGNME
C CUT OFF ALIGNMENT
D STORE
SELECT: A-D → MENU
PPSTORE

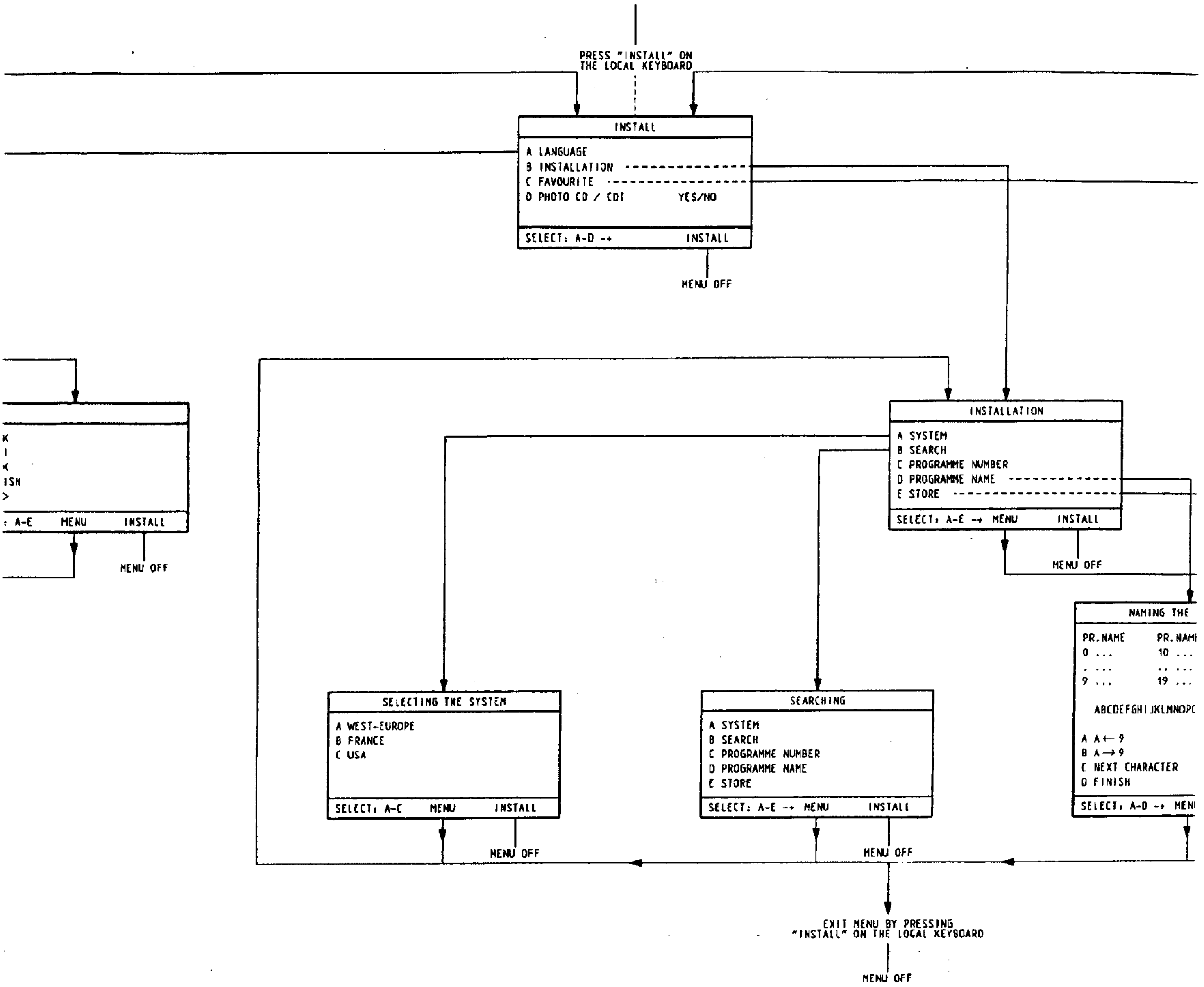

PROGRAMME LIST
PR. NAME PR. NAME PR. NAME
0 ... 10 ... 20 ...
1 ... 11 ... 21 ...
2 ... 12 ... 22 ...
3 ... 13 ... 23 ...
4 ... 14 ... 24 ...
5 ... 15 ... 25 ...
6 ... 16 ... 26 ...
7 ... 17 ... 27 ...
8 ... 18 ... 28 ...
9 ... 19 ... 29 ...
SELECT: MENU OFF
MENU OFF
SPECIAL FEATURES
CHILD LOCK ON/OFF
SLEEPTIMER OFF/05-90
PP STORE
DEMONSTRATION ON/OFF
PIP SIZE SMALL/LARGE
LECT: A-E -→ MENU OFF
MENU OFF
SERVICE STORED
PTION ALIGNMENT
HITE DRIVE ALIGNMENT
UT OFF ALIGNMENT
TORE
LECT: A-D -→ MENU OFF
PPSTORE
PPSTORE

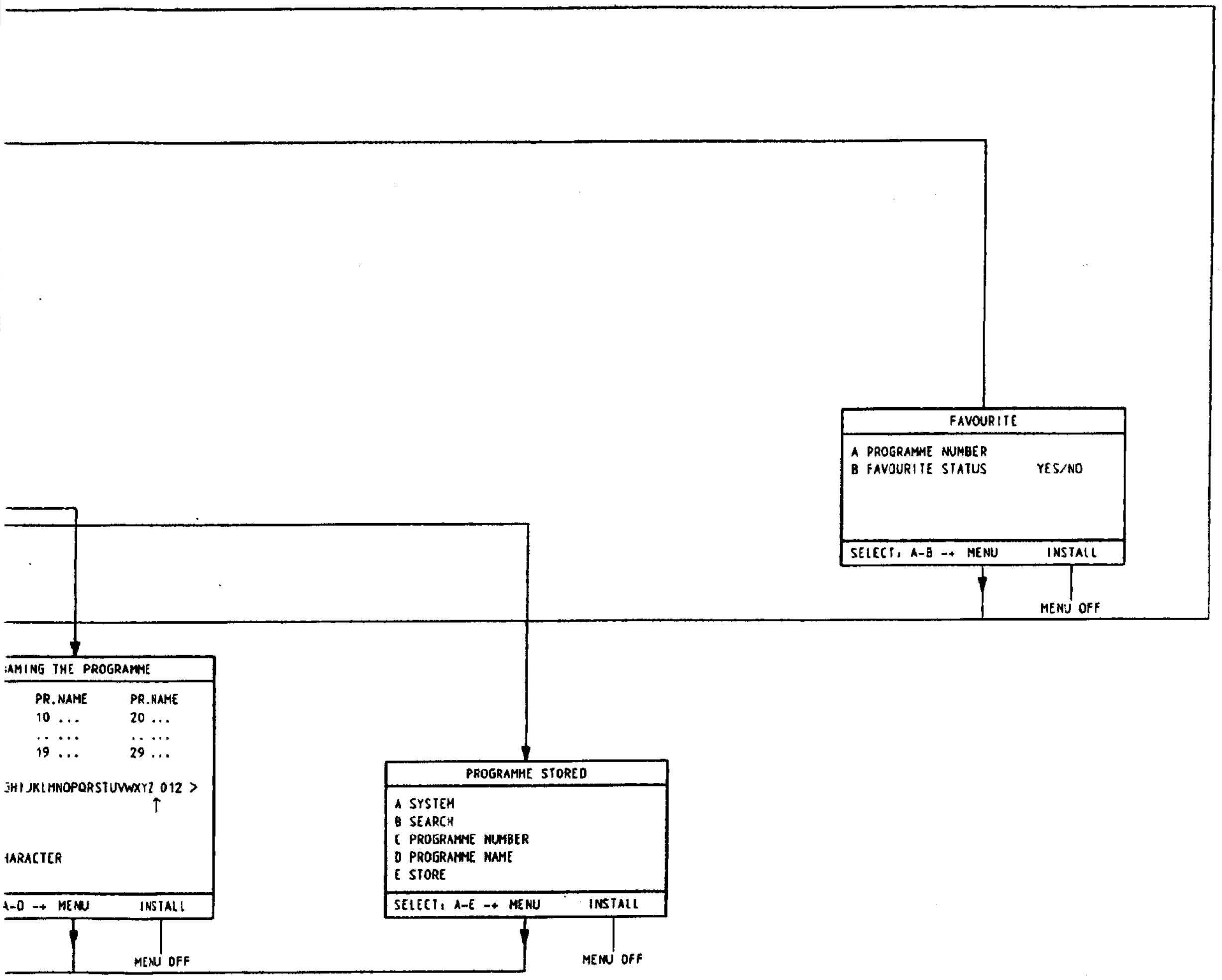
9.8 CHASSIS FL1.1 Survey of menus FL1.7


LANGUAGE STORED
A ENGLISH
B DEUTSCH
C FRANCAIS
D ITALIANO
E >>>>>
SELECT: A-E MENU INSTALL
MENU OFF
A PORTUGUES
B NEDERLANDS
C ESPANOL
D SVENSKA
E >>>>>
SELECT: A-E MENU INSTALL
MENU OFF
A NORSK
B SUOMI
C DANSK
D ENGLISH
E >>>>>
SELECT: A-E MENU INSTALL
MENU OFF


INSTALLATION OF TXT
PRESS
ON REMOTE CONTROL
PRESS "INSTALL" ON THE CONTROLPANEL
TELETEXT PAGE MEMORY
PROG. PAGE
....
....
....
....
PROG. PAGE
....
....
....
....
A CURSOR UP
B CURSOR DOWN
C ADD TO LIST
D REMOVE FROM LIST
E STORE
SELECT: A-E 0-9 MENU INSTALL
MENU OFF

INSTALLATION OF STATIONS


PRESS "INSTALL" ON THE LOCAL KEYBOARD
INSTALL
A LANGUAGE
B INSTALLATION
C FAVOURITE
D PHOTO CD / CDI YES/NO
SELECT: A-D → INSTALL
MENU OFF
K
I
K
ISH
>
: A-E MENU INSTALL
MENU OFF
INSTALLATION
A SYSTEM
B SEARCH
C PROGRAMME NUMBER
D PROGRAMME NAME
E STORE
SELECT: A-E → MENU INSTALL
MENU OFF
NAMING THE
PR.NAME PR.NAM
0 ... 10 ...
. ...
9 ... 19 ...
ABCDEFGHIJKLMNOPC
A A← 9
B A→ 9
C NEXT CHARACTER
D FINISH
SELECT: A-D → MEN
SELECTING THE SYSTEM
A WEST-EUROPE
B FRANCE
C USA
SELECT: A-C MENU INSTALL
MENU OFF
SEARCHING
A SYSTEM
B SEARCH
C PROGRAMME NUMBER
D PROGRAMME NAME
E STORE
SELECT: A-E → MENU INSTALL
MENU OFF
EXIT MENU BY PRESSING "INSTALL" ON THE LOCAL KEYBOARD
MENU OFF


FAVOURITE
A PROGRAMME NUMBER
B FAVOURITE STATUS YES/NO
SELECT: A-B → MENU
INSTALL
MENU OFF
AMING THE PROGRAMME
PR.NAME
10 ...
.. ...
19 ...
PR.NAME
20 ...
.. ...
29 ...
GHIJKLMNOPQRSTUVWXYZ 012 >
↑
HARACTER
A-D → MENU
INSTALL
MENU OFF
PROGRAMME STORED
A SYSTEM
B SEARCH
C PROGRAMME NUMBER
D PROGRAMME NAME
E STORE
SELECT: A-E → MENU
INSTALL
MENU OFF

Spare parts list / Stückliste / Liste

Large signal panel A B G

Connectors

	4822 265 30525	2P male grey
	4822 265 20541	2P male black
	4822 265 40469	6P female gold
	4822 265 40472	10P female gold
	4822 290 40295	7P male
	4822 265 40818	8P male
	4822 267 40985	6P male
	4822 264 40207	3P male
	4822 265 30389	2P male
	4822 265 40596	2P male
	4822 265 20512	2P male green
	4822 267 50591	6P male gold
	4822 264 50149	10P male gold

Various parts

	4822 255 40527	insulating plate
	4822 492 70143	spring 10 X 33MM
	4822 492 62076	spring fix transistor
	4822 492 70788	spring fix IC
	4822 492 70789	spring fix transistor
	4822 276 12998	mains switch
	4822 256 30274	fuse holder
	4822 290 60812	socket for ext. loudspeakers
	4822 267 20417	socket for squeeters
	4822 276 13094	switch loudsp. ON/OFF
	4822 320 11086	focus cable
	4822 320 20162	EHT cable
	4822 212 23749	SOPS CONTROL
	4822 310 61919	SOPS repair kit
1010	4822 212 23892	NTSC ASSY
1200	4822 070 33152	fuse T3,15A
1250	4822 071 52501	fuse T0,25A

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2000	4822 122 31773	560pF 5% 50V
2001	4822 122 31784	4,7nF 10% 50V
2002	4822 122 31784	4,7nF 10% 50V
2003	4822 126 11175	22pF 5% 50V
2004	4822 122 32142	270pF 5% 63V
2005	4822 122 32142	270pF 5% 63V
2007	4822 122 31797	22nF 10% 63V
2008	4822 122 31797	22nF 10% 63V
2009	4822 126 11175	22pF 5% 50V
2011	4822 122 31775	680pF 5% 50V
2012	4822 122 32927	220nF
2013	4822 122 32927	220nF
2015	4822 124 42109	22µF 10% 50V
2016	4822 124 42109	22µF 10% 50V
2018	4822 122 31797	22nF 10% 63V
2019	4822 122 31414	10nF 100V
2020	4822 122 31414	10nF 100V
2021	4822 122 31414	10nF 100V
2022	4822 122 31414	10nF 100V
2023	5322 122 33446	3,3nF 10% 63V
2024	5322 122 33446	3,3nF 10% 63V
2025	4822 122 10166	22nF 30% 16V
2026	4822 122 32927	220nF
2027	4822 122 32927	220nF
2028	4822 122 32927	220nF
2029	4822 122 32927	220nF
2030	4822 126 11175	22pF 5% 50V
2031	4822 126 11175	22pF 5% 50V

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2032	4822 122 31797	22nF 10% 63V
2033	4822 122 10166	22nF 30% 16V
2035	4822 122 31775	680pF 5% 50V
2038	4822 122 31644	2,2nF 10% 63V
2040	4822 122 32927	220nF
2041	4822 122 32927	220nF
2043	4822 122 32927	220nF
2045	4822 122 32927	220nF
2046	4822 122 32927	220nF
2047	4822 122 32927	220nF
2050	4822 124 42362	33µF 20% 16V
2051	4822 124 42362	33µF 20% 16V
2052	4822 124 42362	33µF 20% 16V
2053	4822 124 42362	33µF 20% 16V
2056	4822 122 31773	560pF 5% 50V
2057	4822 122 31773	560pF 5% 50V
2058	4822 122 31773	560pF 5% 50V
2059	4822 122 31773	560pF 5% 50V
2060	4822 122 31773	560pF 5% 50V
2061	4822 122 31773	560pF 5% 50V
2065	4822 126 11156	684nF 20%
2066	4822 126 11156	684nF 20%
2070	4822 124 40272	33µF 20% 16V
2071	4822 124 42184	33µF 20% 25V
2072	4822 124 41584	100µF 20% 10V
2073	4822 124 21212	15µF 20% 40V
2074	5322 122 31647	1nF 10% 63V
2200	4822 121 43819	680nF 10% 250V
2203	4822 121 40487	100nF 10% 400V
2210	4822 126 11141	2,2nF 10% 1kV
2211	4822 126 11141	2,2nF 10% 1kV
2214	4822 124 23492	220µF 50% 385V
2215	4822 122 33665	3,3nF 20% 125V
2216	4822 126 10202	1,5nF 10% 2kV
2230	4822 122 31784	4,7nF 10% 50V
2231	4822 126 11157	470pF 10% 500V
2232	4822 124 40738	330µF 20% 25V
2233	4822 126 11157	470pF 10% 500V
2234	4822 124 40738	330µF 20% 25V
2235	4822 126 11157	470pF 10% 500V
2237	4822 122 33708	2,2nF 10% 1kV
2238	4822 124 22583	47µF 160V
2239	4822 124 40193	68µF 20% 16V
2240	4822 124 42183	1000µF 20% 63V
2254	4822 126 11496	120pF 5% 2kV
2255	4822 122 32142	270pF 5% 63V
2258	5322 121 42502	390nF 5% 63V
2260	4822 122 31727	470pF 5% 63V
2261	5322 124 21189	100µF 20% 40V
2262	4822 122 31727	470pF 5% 63V
2263	4822 124 40849	330µF 20% 16V
2270	4822 124 41584	100µF 20% 10V
2272	4822 122 33496	100nF 10% 63V
2302	4822 122 31765	100pF 5% 50V
2303	4822 122 31808	150pF 10% 50V
2308	4822 122 32891	68nF 10% 63V
2321	4822 121 51319	1µF 10% 63V
2331	4822 122 32891	68nF 10% 63V
2351	4822 121 41854	150nF 5% 63V
2360	4822 122 31981	33nF ±0,5pF 50V
2361	4822 121 42589	82nF 5% 63V
2365	5322 122 32838	82nF 10% 63V
2372	5322 121 42502	390nF 5% 63V
2376	4822 124 40272	33µF 20% 16V
2380	4822 122 33496	100nF 10% 63V
2381	4822 122 33496	100nF 10% 63V
2382	4822 122 33496	100nF 10% 63V
2386	5322 122 31647	1nF 10% 63V

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2401	4822 122 32542	47nF 10% 63V
2402	4822 124 41576	2,2µF 20% 50V
2403	5322 124 41431	22µF 20% 35V
2404	4822 124 41577	4,7µF 20% 50V
2405	4822 122 32542	47nF 10% 63V
2406	4822 121 51091	1,2nF 2% 250V
2407	4822 122 32153	1,8nF 10% 63V
2408	4822 122 31168	270pF 10% 500V
2409	4822 122 31797	22nF 10% 63V
2410	4822 121 41854	150nF 5% 63V
2411	4822 121 41854	150nF 5% 63V
2412	4822 122 31211	100pF 10% 500V
2415	4822 122 32542	47nF 10% 63V
2416	4822 122 33496	100nF 10% 63V
2417	4822 122 32808	1,2nF 10% 63V
2418	4822 122 31797	22nF 10% 63V
2419	4822 124 40849	330µF 20% 16V
2450	4822 122 32442	10nF 50V
2451	4822 122 31746	1000pF 5% 50V
2452	4822 124 41716	220µF 20% 35V
2455	4822 122 31771	390pF 5% 50V
2456	4822 124 41334	470µF 20% 35V
2456	4822 124 41747	680µF 20%
2457	4822 124 42251	1,5µF 10% 50V
2458	4822 122 31797	22nF 10% 63V
2459	4822 122 32891	68nF 10% 63V
2460	4822 122 33496	100nF 10% 63V
2480	4822 124 23495	10µF 20% 25V
2501	4822 122 31961	68pF 5% 63V
2502	4822 121 41689	100nF 10% 250V
2503	4822 126 11157	470pF 10% 500V
2504	4822 126 11495	1nF 10% 2kV
2504	4822 126 11539	1,2nF 10% 2kV
2504	4822 126 11495	1nF 10% 2kV
2509	4822 122 31171	1,2nF 10% 500V
2511	4822 124 41739	47µF 20% 160V
2512	4822 124 40435	10µF 20% 50V
2513	4822 124 40435	10µF 20% 50V
2517	4822 122 31177	470pF 10% 500V
2518	4822 124 22449	4,7µF 30% 350V
2519	4822 124 41831	1µF 20% 160V
2520	4822 121 51528	470nF 5% 250V
2521	4822 121 51563	560nF 5% 250V
2523	5322 121 42523	8,2nF 5% 2kV
2524	4822 121 43915	27nF 5% 630V
2529	4822 124 23491	0,47µF 20% 50V
2530	4822 122 31797	22nF 10% 63V
2531	4822 121 40516	22nF 10% 250V
2533	5322 122 32818	2,2nF 10% 100V
2534	4822 126 11502	470pF 10% 500V
2535	4822 124 23488	1000µF 20% 35V
2536	4822 122 31177	470pF 10% 500V
2537	4822 124 40184	1000µF 20% 10V
2541	4822 124 42184	33µF 20% 25V
2542	4822 124 22466	1µF 20% 50V
2543	4822 124 23495	10µF 20% 25V
2546	4822 122 33496	100nF 10% 63V
2547	4822 122 33498	2,7nF 10% 63V
2551	4822 124 40195	150µF 20% 16V
2600	4822 124 41577	4,7µF 20% 50V
2601	4822 122 31797	22nF 10% 63V
2603	4822 122 32891	68nF 10% 63V
2603	4822 122 32542	47nF 10% 63V
2603	4822 122 33496	100nF 10% 63V
2605	4822 122 31781	1500pF 10% 50V
2605	4822 122 33498	2,7nF 10% 63V
2606	4822 122 33496	100nF 10% 63V
2609	4822 121 43396	120nF 5% 63V

6 63V
% 50V
6 35V
% 50V
6 63V
, 250V
% 63V
'% 500V
6 63V
6 63V
6 63V
'% 500V
6 63V
'% 63V
% 63V
6 63V
% 16V
% 50V
% 35V
5 50V
% 35V
%
% 50V
5 63V
5 63V
% 63V
5 25V
63V
% 250V
% 500V
2kV
% 2kV
2kV
% 500V
5 160V
5 50V
5 50V
% 500V
6 350V
160V
5 250V
5 250V
2kV
630V
% 50V
5 63V
5 250V
% 100V
% 500V
0% 35V
% 500V
0% 10V
, 25V
50V
, 25V
% 63V
6 63V
% 16V
6 50V
, 63V
, 63V
, 63V
% 63V
0% 50V
6 63V
% 63V
, 63V

Large signal panel A B G

2610	4822 124 41576	2,2μF 20% 50V
2611	4822 124 41576	2,2μF 20% 50V
2613	4822 122 31784	4,7nF 10% 50V
2613	4822 122 31773	560pF 5% 50V

3000	4822 051 10912	9k1 2% 0,25W
3001	4822 051 10912	9k1 2% 0,25W
3004	4822 051 10104	100k 2% 0,25W
3005	4822 051 10104	100k 2% 0,25W
3006	4822 051 10224	220k 2% 0,25W
3009	4822 051 10224	220k 2% 0,25W
3011	4822 051 10203	20k 2% 0,25W
3012	4822 051 10203	20k 2% 0,25W
3013	4822 116 52268	300k 5% 0,5W
3014	4822 116 52268	300k 5% 0,5W
3016	4822 052 10828	8Ω2 5% 0,33W
3021	4822 052 10828	8Ω2 5% 0,33W
3022	4822 052 10828	8Ω2 5% 0,33W
3025	4822 051 10333	33k 2% 0,25W
3027	4822 051 10103	10k 2% 0,25W
3028	4822 051 10103	10k 2% 0,25W
3029	4822 051 10123	12k 2% 0,25W
3030	4822 051 10123	12k 2% 0,25W
3031	4822 051 10102	1k 2% 0,25W
3032	4822 051 10102	1k 2% 0,25W
3033	4822 116 52244	15k 5% 0,5W
3034	4822 051 10472	4k7 2% 0,25W
3035	4822 051 10153	15k 2% 0,25W
3036	4822 051 10152	1k5 2% 0,25W
3037	4822 051 10152	1k5 2% 0,25W
3040	4822 051 10273	27k 2% 0,25W
3041	4822 051 10152	1k5 2% 0,25W
3043	4822 051 10203	20k 2% 0,25W
3044	4822 051 10221	220Ω 2% 0,25W
3049	4822 051 10102	1k 2% 0,25W
3050	4822 051 10103	10k 2% 0,25W
3051	4822 051 10203	20k 2% 0,25W
3052	4822 051 10472	4k7 2% 0,25W
3053	4822 051 10472	4k7 2% 0,25W
3054	4822 053 21475	4M7 5% 0,5W
3060	4822 051 10203	20k 2% 0,25W
3065	4822 051 10183	18k 2% 0,25W
3066	4822 051 10183	18k 2% 0,25W
3067	4822 116 52296	6k8 5% 0,5W
3068	4822 116 52207	1k2 5% 0,5W
3069	4822 051 10752	7k5 2% 0,25W
3072	4822 051 10479	47Ω 2% 0,25W
3073	4822 116 52257	22k 5% 0,5W
3074	4822 051 10103	10k 2% 0,25W
3201	4822 053 21475	4M7 5% 0,5W
3202	4822 053 21475	4M7 5% 0,5W
3204	4822 116 40033	NTC/PTC
3204	4822 116 40215	PTC
3209	4822 113 80384	1Ω5 10% 7W
3210	4822 116 52239	120k 5% 0,5W
3211	4822 116 52239	120k 5% 0,5W
3212	4822 116 52234	100k 5% 0,5W
3213	4822 051 10823	82k 2% 0,25W
3215	4822 051 10472	4k7 2% 0,25W
3216	4822 115 90309	56Ω 10% 5W
3239	4822 116 52297	68k 5% 0,5W
3240	4822 116 52234	100k 5% 0,5W
3240	4822 116 52297	68k 5% 0,5W
3241	4822 113 80572	2Ω2 10% 5W
3241	4822 113 80584	2Ω7 10% 5W
3242	4822 051 10122	1k2 2% 0,25W

3243	4822 116 52229	750Ω 5% 0,5W
3244	4822 116 52211	150Ω 5% 0,5W
3245	4822 116 52229	750Ω 5% 0,5W
3247	4822 051 20222	2k2 5% 0,1W
3248	4822 051 20222	2k2 5% 0,1W
3249	4822 116 52258	220k 5% 0,5W
3250	4822 116 52198	62Ω 5% 0,5W
3251	4822 051 10102	1k 2% 0,25W
3252	4822 116 52258	220k 5% 0,5W
3253	4822 116 82738	10k 10%
3255	4822 116 52243	1k5 5% 0,5W
3266	4822 051 10151	150Ω 2% 0,25W
3267	4822 051 10101	100Ω 2% 0,25W
3268	4822 053 11689	68Ω 5% 2W
3270	4822 051 10118	1Ω1 5% 0,25W
3271	4822 053 10399	39Ω 5% 1W
3272	4822 051 51201	120Ω 1% 0,125W
3273	4822 051 10472	4k7 2% 0,25W
3274	4822 051 10102	1k 2% 0,25W
3275	4822 116 52206	120Ω 5% 0,5W
3298	4822 051 10479	47Ω 2% 0,25W
3298	4822 051 10569	56Ω 2% 0,25W
3298	4822 051 10689	68Ω 2% 0,25W
3298	4822 051 10821	820Ω 2% 0,25W
3298	4822 051 10122	1k2 2% 0,25W
3298	4822 051 10182	1k8 2% 0,25W
3300	4822 053 10753	75k 5% 1W
3304	4822 051 10473	47k 2% 0,25W
3305	4822 051 10472	4k7 2% 0,25W
3305	4822 051 10332	3k3 2% 0,25W
3306	4822 051 10823	82k 2% 0,25W
3308	4822 053 12151	150Ω 5% 3W
3309	4822 051 10103	10k 2% 0,25W
3310	4822 050 11109	11Ω 1% 0,4W
3310	4822 116 52184	18Ω 5% 0,5W
3311	4822 051 10471	470Ω 2% 0,25W
3312	4822 051 10101	100Ω 2% 0,25W
3313	4822 050 11109	11Ω 1% 0,4W
3313	4822 116 52184	18Ω 5% 0,5W
3314	4822 116 52223	430Ω 5% 0,5W
3315	4822 116 52223	430Ω 5% 0,5W
3317	4822 051 10682	6k8 2% 0,25W
3320	4822 051 10471	470Ω 2% 0,25W
3321	4822 051 10471	470Ω 2% 0,25W
3322	4822 051 10471	470Ω 2% 0,25W
3331	4822 116 52267	30k 5% 0,5W
3332	4822 116 52233	10k 5% 0,5W
3351	4822 052 11279	27Ω 5% 0,5W
3356	4822 051 10132	1k3 2% 0,25W
3356	4822 051 10751	750Ω 2% 0,25W
3357	4822 050 13302	3k3 1% 0,4W
3357	4822 050 27871	787Ω 1% 0,6W
3358	4822 116 52183	16Ω 5% 0,5W
3360	4822 051 10122	1k2 2% 0,25W
3362	4822 051 10151	150Ω 2% 0,25W
3364	4822 051 10471	470Ω 2% 0,25W
3365	4822 051 10221	220Ω 2% 0,25W
3366	4822 051 10221	220Ω 2% 0,25W
3368	4822 116 52226	560Ω 5% 0,5W
3369	4822 116 52226	560Ω 5% 0,5W
3370	4822 051 10332	3k3 2% 0,25W
3371	4822 100 11348	1k 30% LIN
3372	4822 051 10561	560Ω 2% 0,25W
3374	4822 116 52301	75k 5% 0,5W
3375	5322 111 90282	2k4 2% 0,25W
3376	4822 116 52175	100Ω 5% 0,5W
3378	4822 051 10101	100Ω 2% 0,25W

3380	4822 051 10152	1k5 2% 0,25W
3381	4822 051 10152	1k5 2% 0,25W
3382	4822 051 10103	10k 2% 0,25W
3383	4822 051 10103	10k 2% 0,25W
3387	4822 051 10223	22k 2% 0,25W
3402	4822 051 10562	5k6 2% 0,25W
3403	4822 051 10229	22Ω 2% 0,25W
3404	4822 051 10182	1k8 2% 0,25W
3405	4822 051 10333	33k 2% 0,25W
3406	4822 100 11483	10k 30% LIN
3407	4822 051 10561	560Ω 2% 0,25W
3408	4822 051 10563	56k 2% 0,25W
3409	4822 116 52272	330k 5% 0,5W
3410	5322 101 11013	330k 30% LIN
3411	4822 051 10104	100k 2% 0,25W
3411	4822 051 10913	91k 2% 0,25W
3413	4822 051 10101	100Ω 2% 0,25W
3414	4822 051 10154	150k 2% 0,25W
3415	4822 100 11392	47k 30% LIN
3417	4822 116 52256	2k2 5% 0,5W
3418	4822 051 10201	200Ω 2% 0,25W
3419	4822 052 10279	27Ω 5% 0,33W
3420	4822 050 23905	3M9 1% 0,6W
3421	4822 116 52243	1k5 5% 0,5W
3422	4822 116 81223	1M2 5% 0,5W
3422	4822 116 81783	1M5 5% 0,5W
3424	4822 051 10221	220Ω 2% 0,25W
3426	4822 051 10331	330Ω 2% 0,25W
3428	4822 116 52271	33k 5% 0,5W
3429	4822 116 52269	3k3 5% 0,5W
3430	4822 051 10471	470Ω 2% 0,25W
3437	4822 116 52224	470Ω 5% 0,5W
3438	4822 116 52205	1k1 5% 0,5W
3439	4822 116 52247	16k 5% 0,5W
3441	4822 051 10622	6k2 2% 0,25W
3442	4822 051 10332	3k3 2% 0,25W
3444	4822 051 10103	10k 2% 0,25W
3446	4822 116 52264	27k 5% 0,5W
3450	4822 051 10432	4k3 2% 0,25W
3451	4822 051 10432	4k3 2% 0,25W
3455	4822 051 10471	470Ω 2% 0,25W
3456	4822 051 10124	120k 2% 0,25W
3456	4822 051 10134	130k 2% 0,25W
3457	4822 051 10822	8k2 2% 0,25W
3457	4822 051 10912	9k1 2% 0,25W
3458	4822 116 80676	1Ω5 5% 0,2W
3459	4822 116 80676	1Ω5 5% 0,2W
3460	4822 053 10271	270Ω 5% 1W
3461	4822 116 80176	1Ω 5% 0,5W
3462	4822 116 80176	1Ω 5% 0,5W
3463	4822 116 80176	1Ω 5% 0,5W
3465	4822 051 10681	680Ω 2% 0,25W
3466	4822 116 52243	1k5 5% 0,5W
3466	4822 116 52263	2k7 5% 0,5W
3466	4822 116 52279	4k3 5% 0,5W
3467	4822 100 20166	10k 30% LIN
3468	4822 053 12221	220Ω 5% 3W
3469	4822 050 11002	1k 1% 0,4W
3469	4822 116 52263	2k7 5% 0,5W
3469	4822 116 52279	4k3 5% 0,5W
3473	4822 116 52253	2k 5% 0,5W
3479	4822 051 10683	68k 2% 0,25W
3480	4822 116 52234	100k 5% 0,5W
3481	4822 051 10102	1k 2% 0,25W
3482	4822 051 10229	22Ω 2% 0,25W
3483	4822 051 10563	56k 2% 0,25W
3484	4822 051 10223	22k 2% 0,25W
3485	4822 051 10102	1k 2% 0,25W

Spare parts list / Stückliste / Liste

Large signal panel A B G

3500	4822 116 80176	1Ω 5% 0,5W
3501	4822 116 52271	33k 5% 0,5W
3502	4822 116 52299	7k5 5% 0,5W
3503	4822 116 52299	7k5 5% 0,5W
3504	4822 053 11108	1Ω 5% 2W
3505	4822 116 52191	33Ω 5% 0,5W
3506	4822 053 11108	1Ω 5% 2W
3507	4822 116 52191	33Ω 5% 0,5W
3508	4822 116 82773	1k8 10% 5W
3509	4822 053 21154	150k 5% 0,5W
3510	4822 053 12331	330Ω 5% 3W
3511	4822 116 52176	10Ω 5% 0,5W
3512	4822 051 10331	330Ω 2% 0,25W
3513	4822 100 20166	10k 30% LIN
3514	4822 116 52186	22Ω 5% 0,5W
3515	4822 116 81191	6Ω8 5% 0,3W
3516	4822 116 81191	6Ω8 5% 0,3W
3517	4822 052 11108	1Ω 5% 0,5W
3518	4822 116 52267	30k 5% 0,5W
3519	4822 116 52267	30k 5% 0,5W
3520	4822 052 10338	3Ω3 5% 0,33W
3521	4822 052 10338	3Ω3 5% 0,33W
3524	4822 116 81753	4Ω7 5% 0,5W
3527	4822 051 10102	1k 2% 0,25W
3528	4822 116 52229	750Ω 5% 0,5W
3529	4822 051 10104	100k 2% 0,25W
3530	4822 051 10474	470k 2% 0,25W
3531	4822 116 52274	36k 5% 0,5W
3532	4822 116 52211	150Ω 5% 0,5W
3533	4822 116 52211	150Ω 5% 0,5W
3534	4822 052 11278	2Ω7 5% 0,5W
3535	4822 052 11278	2Ω7 5% 0,5W
3536	4822 116 52221	360Ω 5% 0,5W
3537	4822 116 52186	22Ω 5% 0,5W
3538	4822 116 52241	13k 5% 0,5W
3538	4822 116 52238	12k 5% 0,5W
3540	4822 116 52267	30k 5% 0,5W
3541	4822 116 52285	470k 5% 0,5W
3542	4822 051 10104	100k 2% 0,25W
3543	4822 051 10152	1k5 2% 0,25W
3544	4822 051 10393	39k 2% 0,25W
3545	4822 116 52208	130Ω 5% 0,5W
3547	4822 051 10518	5Ω1 5% 0,25W
3548	4822 051 10392	3k9 2% 0,25W
3549	4822 051 10124	120k 2% 0,25W
3550	4822 116 52209	1k3 5% 0,5W
3551	4822 051 10569	56Ω 2% 0,25W
3601	4822 051 10104	100k 2% 0,25W
3601	4822 051 10154	150k 2% 0,25W
3602	4822 100 20166	10k 30% LIN
3603	4822 051 10153	15k 2% 0,25W
3603	4822 051 20183	18k 5% 0,1W
3603	4822 051 10103	10k 2% 0,25W
3603	4822 051 10912	9k1 2% 0,25W
3604	4822 051 10124	120k 2% 0,25W
3604	4822 051 10154	150k 2% 0,25W
3604	4822 051 10134	130k 2% 0,25W
3605	4822 051 10133	13k 2% 0,25W
3605	4822 051 10243	24k 2% 0,25W
3606	4822 051 10333	33k 2% 0,25W
3607	4822 100 11213	22k 30% LIN
3608	4822 051 10102	1k 2% 0,25W
3609	4822 051 10473	47k 2% 0,25W
3610	4822 051 10472	4k7 2% 0,25W
3611	4822 051 20222	2k2 5% 0,1W
3614	4822 051 10152	1k5 2% 0,25W
3615	4822 116 52224	470Ω 5% 0,5W
3616	4822 051 10332	3k3 2% 0,25W

3617	4822 051 20222	2k2 5% 0,1W
3618	4822 051 10104	100k 2% 0,25W
3619	4822 051 20222	2k2 5% 0,1W
3620	4822 051 10622	6k2 2% 0,25W
3621	4822 051 10164	160k 2% 0,25W
3622	4822 116 80176	1Ω 5% 0,5W
3623	4822 116 80176	1Ω 5% 0,5W
3623	4822 116 52242	130k 5% 0,5W
3626	4822 116 52265	270k 5% 0,5W
3626	4822 116 52242	130k 5% 0,5W
3626	4822 116 52258	220k 5% 0,5W
3627	4822 051 10103	10k 2% 0,25W
3628	4822 116 52234	100k 5% 0,5W
3629	4822 051 10224	220k 2% 0,25W
3630	4822 051 10104	100k 2% 0,25W
3631	4822 051 10182	1k8 2% 0,25W
3632	4822 051 10101	100Ω 2% 0,25W
3632	4822 051 10153	15k 2% 0,25W

Jumpers

9039	4822 051 10333	33K 2% 0,25W
4000	4822 051 10008	0Ω 5% 0,25W
4001	4822 051 10008	0Ω 5% 0,25W
4002	4822 051 10008	0Ω 5% 0,25W
4003	4822 051 10008	0Ω 5% 0,25W
4004	4822 051 10008	0Ω 5% 0,25W
4006	4822 051 10008	0Ω 5% 0,25W
4007	4822 051 10008	0Ω 5% 0,25W
4014	4822 051 10008	0Ω 5% 0,25W
4019	4822 051 10008	0Ω 5% 0,25W
4400	4822 051 10008	0Ω 5% 0,25W
4402	4822 051 10008	0Ω 5% 0,25W
4404	4822 051 10008	0Ω 5% 0,25W
4410	4822 051 10008	0Ω 5% 0,25W
4412	4822 051 10008	0Ω 5% 0,25W
4413	4822 051 10008	0Ω 5% 0,25W
4415	4822 051 10008	0Ω 5% 0,25W
4416	4822 051 10008	0Ω 5% 0,25W
4417	4822 051 10008	0Ω 5% 0,25W
4508	4822 051 10008	0Ω 5% 0,25W
4508	4822 051 10272	2k7 2% 0,25W
4508	4822 051 10102	1k 2% 0,25W
4530	4822 051 10008	0Ω 5% 0,25W
4531	4822 051 10008	0Ω 5% 0,25W
4533	4822 051 10008	0Ω 5% 0,25W
4534	4822 051 10008	0Ω 5% 0,25W
4541	4822 051 10008	0Ω 5% 0,25W
4552	4822 051 10008	0Ω 5% 0,25W
4610	4822 051 10008	0Ω 5% 0,25W

5202	4822 212 23611	transf. assy CU20D3
5205	4822 212 23611	transf. assy CU20D3
5230	4822 148 81167	SOPS transf.
5230	4822 148 81192	SOPS transf. 33"
5231	4822 526 10494	ferrite bead
5233	4822 526 10494	ferrite bead
5235	4822 526 10494	ferrite bead
5237	4822 526 10494	ferrite bead
5241	4822 157 63249	33μH 10%
5255	4822 148 81225	μSOPS transf.
5260	4822 526 10494	ferrite bead
5262	4822 526 10494	ferrite bead

5308	4822 157 62826	270μH 10%
5308	4822 157 63302	150μH 10% 33"
5310	4822 157 63251	3,9μH 10%
5310	4822 157 63301	1μH 15% 33"
5381	4822 157 52265	100μH 10%
5503	4822 157 63252	line driver
5511	4822 157 52407	39μH 7,5%
5514	4822 157 63256	DC-SHIFT
5520	4822 157 63254	LINEARITY
5521	4822 157 63255	COIL
5524	4822 526 10494	ferrite bead
5526	4822 157 63253	EAST-WEST
5534	5322 157 52539	15μH 7,5%
5543	4822 158 10549	12μH 7,5%
5555	4822 140 10424	L.O.T.

6000	4822 130 80446	LL4148
6001	4822 130 80446	BAS32L
6008	4822 209 73095	P4KE30C-7000
6010	4822 130 80446	LL4148
6011	4822 130 80446	LL4148
6012	4822 130 80446	LL4148
6016	4822 130 80446	LL4148
6021	4822 130 80446	LL4148
6201	4822 130 80446	LL4148
6210	4822 130 33887	GP15J-16
6211	4822 130 33887	GP15J-16
6212	4822 130 33887	GP15J-16
6213	4822 130 33887	GP15J-16
6216	4822 130 42606	BYD33J
6220	4822 130 33887	GP15J
6221	4822 130 33887	GP15J
6230	4822 130 33529	BY229F-200
6232	4822 130 33529	BY229F-200
6235	4822 130 81104	MA689
6237	4822 130 80572	RGP30J-L7004
6238	4822 130 80572	RGP30J-L7004
6246	4822 130 82347	LLZ-F6V8
6251	4822 130 80954	LLZ-C5V6
6260	4822 130 80446	LL4148
6262	4822 130 42488	BYD33D
6266	4822 130 34278	BZX79-F6V8
6272	4822 130 34173	BZX55-B5V6
6280	4822 130 30621	1N4148
6302	4822 130 80446	LL4148
6303	4822 130 80446	LL4148
6304	4822 130 80446	LL4148
6306	5322 130 31504	BZX79-C20
6308	4822 130 42488	BYD33D
6312	4822 130 42488	BYD33D
6315	4822 130 80446	LL4148
6318	4822 130 80446	LL4148
6319	4822 130 34173	BZX79-C5V6
6321	4822 130 80954	BZV55-C5V6
6331	4822 130 30621	1N4148
6349	4822 130 80446	LL4148
6350	4822 130 80446	LL4148
6351	4822 130 30621	1N4148
6352	4822 130 80446	LL4148
6353	4822 130 80446	LL4148
6355	4822 130 80446	LL4148
6356	4822 130 80886	LLZ-F22
6357	4822 130 80446	LL4148
6370	4822 130 81512	LLZ-C6V2
6371	4822 130 80446	LL4148
6372	4822 130 80446	LL4148

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Large signal panel A B G

6373	4822 130 82583	LLZ-C9V1
6375	4822 130 80446	LL4148
6376	4822 130 80922	LLZ-C18
6376	4822 130 81143	BZV55-C20
6403	4822 130 80446	LL4148
6404	4822 130 80446	LL4148
6417	4822 130 81223	LLZ-C2V4
6440	4822 130 80446	LL4148
6441	4822 130 80446	LL4148
6451	5322 130 34834	BZX79-C3V6
6452	4822 130 42488	BYD33D
6465	4822 130 80446	LL4148
6466	4822 130 80446	LL4148
6480	4822 130 31554	BZX79-C4V3
6504	4822 130 42488	BYD33D
6506	4822 130 42488	BYD33D
6515	4822 130 80877	BAV103
6516	4822 130 80877	BAV103
6517	4822 130 42488	BYD33D
6519	4822 130 32896	BYD33M
6520	4822 130 32896	BYD33M
6526	4822 130 33531	BY229F-600
6527	4822 130 82966	MURF10150E
6529	4822 130 34329	BZX79-C43
6535	4822 130 82512	BYV29F-400
6536	4822 130 82758	BYV29F-300
6542	4822 130 30842	BAV21
6546	4822 130 80446	LL4148
6547	4822 130 80446	LL4148
6551	4822 130 34278	BZX79-B6V8
6553	4822 130 82334	BAS85
6601	4822 130 42488	BYD33D
6629	4822 130 80446	LL4148

7000	4822 209 73311	TDA1521Q/N4
7001	4822 209 73311	TDA1521Q/N4
7002	4822 209 83163	LM833N
7003	4822 130 61207	BC848
7005	5322 130 42136	BC848C
7006	5322 130 42136	BC848C
7007	4822 130 61207	BC848
7008	4822 130 61207	BC848
7009	4822 209 83163	LM833N
7010	5322 130 42012	BC858
7011	4822 209 63913	TDA1521AQ/N4
7012	4822 130 61207	BC848
7013	4822 130 61207	BC848
7201	5322 130 42756	BC857C
7216	4822 130 60851	2SC3973B
7216	4822 130 62735	BUT12AF
7241	4822 130 61003	BD944F
7242	5322 130 41981	BC848A
7243	5322 130 41981	BC848A
7250	4822 130 62509	BUX85F
7251	4822 130 61207	BC848
7268	4822 130 44121	BC338
7270	4822 130 40823	BD135
7272	4822 130 61207	BC848
7273	4822 130 42513	BC858C
7305	5322 130 42136	BC848C
7311	4822 130 42513	BC858C
7312	5322 130 44647	BC368
7312	4822 130 62955	ON4703-BD437
7318	4822 130 42615	BC817-40
7320	4822 130 82034	CNX83A
7321	4822 130 62742	BD943F
7360	5322 130 42756	BC857C
7369	5322 130 42755	BC847C
7370	5322 130 42755	BC847C
7371	4822 130 42513	BC858C
7380	4822 130 42513	BC858C
7381	5322 130 42136	BC848C
7384	5322 130 42755	BC847C
7385	5322 130 42136	BC848C
7400	4822 209 72363	TDA2579A/N8
7402	5322 130 42136	BC848C
7403	4822 130 42513	BC858C
7407	4822 130 61207	BC848
7417	4822 130 42513	BC858C
7444	5322 130 42136	BC848C
7445	5322 130 42136	BC848C
7450	4822 209 73308	TDA3654Q/N3
7451	5322 130 42012	BC858
7469	4822 130 44104	BC328
7480	4822 130 42513	BC858C
7481	5322 130 42136	BC848C
7504	4822 130 62934	2 x ON4673
7506	4822 130 62934	2 x ON4673
7512	4822 130 44196	BC548C
7513	5322 130 60068	BC558C
7530	4822 130 61233	BC857
7540	5322 130 42755	BC847C
7541	5322 130 42755	BC847C
7542	5322 130 42756	BC857C
7543	4822 130 60136	BC856
7550	4822 130 80669	BD643F
7601	4822 130 61207	BC848
7602	5322 130 42012	BC858
7603	5322 130 42012	BC858
7608	4822 130 44503	BC547C
7610	4822 130 60111	2SA1359
7616	4822 130 61207	BC848
7618	4822 130 61207	BC848

Spare parts list / Stückliste / Liste

Small signal panel C D F H

Connectors

	4822 265 40252	7P male
	4822 265 40253	8P
	4822 265 41113	7P
	4822 265 41114	9P
	4822 265 41086	9P male
	4822 265 41082	10P
	4822 290 40295	7P male
	4822 267 40648	5P male gold
	4822 264 50149	10P male gold
	4822 264 40207	3P male
	4822 264 50149	10P male gold
	4822 265 40442	10P male
	4822 264 40207	3P male red
	4822 265 20509	2P male
	4822 265 30828	5P male brown
	4822 265 30899	5P male black
	4822 267 40648	5P male gold
	4822 265 30437	3P male

Various parts

	4822 267 20427	socket SCART + 4xcinch
	4822 267 51058	socket SCART
	4822 267 41005	socket 2xcinch + 2xSVHS
	4822 267 41004	socket HEADPH. + cinch + SVHS
	4822 218 21075	keyboard
	4822 255 40901	socket 40 POLE
1100	4822 212 23281	IR receiver
1160	4822 210 10409	FQ816ME/IF
1160	4822 210 10416	FQ816MF/IF
1160	4822 210 10412	FQ844
1248	4822 242 80364	filter 4,43MHz
1379	4822 242 70736	crystal 7,159MHz
1380	4822 242 70304	crystal 8,867MHz
1602	4822 242 80276	crystal 10MHz

⊣⊢

2100	4822 124 40684	150μF 20% 6,3V
2111	4822 122 32863	22nF 80% 50V
2114	4822 124 22606	68μF 20% 16V
2118	4822 122 31797	22nF 10% 63V
2119	4822 122 31797	22nF 10% 63V
2120	4822 122 32863	22nF 80% 50V
2121	5322 122 31647	1nF 10% 63V
2122	4822 122 32442	10nF 50V
2123	4822 126 11804	330nF
2130	4822 122 31797	22nF 10% 63V
2131	4822 124 22606	68μF 20% 16V
2132	4822 122 31797	22nF 10% 63V
2137	4822 122 32442	10nF 50V
2138	4822 124 40193	68μF 20% 16V
2160	4822 124 40849	330μF 20% 16V
2161	4822 122 33496	100nF 10% 63V
2163	4822 122 33496	100nF 10% 63V
2164	4822 122 33496	100nF 10% 63V
2166	4822 124 40684	150μF 20% 6,3V
2168	4822 122 32927	220nF
2169	4822 122 32442	10nF 50V
2170	4822 124 40195	150μF 20% 16V
2171	4822 122 32862	10nF 80% 50V
2172	4822 124 41506	47μF 20% 16V
2188	4822 122 32863	22nF 80% 50V
2189	4822 122 32863	22nF 80% 50V
2190	4822 122 32863	22nF 80% 50V

⊣⊢

2193	4822 122 32153	1,8nF 10% 63V
2194	4822 122 32153	1,8nF 10% 63V
2196	4822 124 22606	68μF 20% 16V
2197	4822 124 22606	68μF 20% 16V
2216	4822 122 32927	220nF
2219	4822 122 32927	220nF
2234	4822 122 32927	220nF
2240	4822 122 32927	220nF
2241	4822 121 42408	220nF 5% 63V
2242	4822 124 40196	220μF 20% 16V
2243	4822 121 42408	220nF 5% 63V
2245	4822 122 32927	220nF
2249	4822 122 32862	10nF 80% 50V
2250	4822 051 10102	1K 2% 0,25W
2252	4822 121 42408	220nF 5% 63V
2253	4822 126 11492	220nF 10% 50V
2254	4822 122 32927	220nF
2255	4822 124 41643	100μF 20% 16V
2257	4822 122 31947	100nF 20% 63V
2258	4822 122 31765	100pF 5% 50V
2260	4822 122 31947	100nF 20% 63V
2261	4822 122 31947	100nF 20% 63V
2268	4822 122 31947	100nF 20% 63V
2269	4822 122 32482	22pF 5% 63V
2270	4822 122 32863	22nF 80% 50V
2274	4822 122 32862	10nF 80% 50V
2301	5322 122 31647	1nF 10% 63V
2305	4822 126 10324	33pF 63V
2306	4822 122 31772	47pF 5% 50V
2307	4822 122 31971	10pF 10% 50V
2310	4822 122 31774	56pF 5% 50V
2311	4822 122 31765	100pF 5% 50V
2311	4822 122 31808	150pF 10% 50V
2312	4822 122 32863	22nF 80% 50V
2318	4822 121 42408	220nF 5% 63V
2324	4822 122 32863	22nF 80% 50V
2338	4822 122 31972	39pF 5% 50V
2338	4822 122 31772	47pF 5% 50V
2339	4822 122 31772	47pF 5% 50V
2342	4822 122 31972	39pF 5% 50V
2343	4822 122 31727	470pF 5% 63V
2344	4822 122 31775	680pF 5% 50V
2345	4822 122 31807	1200pF 5% 50V
2347	5322 122 31647	1nF 10% 63V
2353	4822 122 32862	10nF 80% 50V
2360	4822 124 40272	33μF 20% 16V
2361	4822 124 40849	330μF 20% 16V
2365	4822 122 31352	180pF 2% 100V
2366	4822 122 32863	22nF 80% 50V
2367	4822 122 32862	10nF 80% 50V
2368	4822 122 32862	10nF 80% 50V
2369	4822 122 31825	27pF 10% 50V
2371	4822 122 31825	27pF 10% 50V
2372	4822 122 31965	220pF 5% 63V
2373	4822 122 31965	220pF 5% 63V
2374	4822 122 32863	22nF 80% 50V
2375	4822 122 32863	22nF 80% 50V
2376	5322 122 31641	47nF 50V
2377	5322 121 42661	330nF 5% 63V
2378	4822 122 31947	100nF 20% 63V
2379	4822 125 50207	33pF trimmer
2380	4822 125 50207	33pF trimmer
2381	5322 121 42661	330nF 5% 63V
2382	5322 122 31647	1nF 10% 63V
2383	4822 122 32442	10nF 50V
2384	5322 122 31647	1nF 10% 63V
2385	4822 122 32442	10nF 50V
2386	4822 122 32862	10nF 80% 50V

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2387	4822 124 40435	10μF 20% 50V
2388	5322 122 33446	3,3nF 10% 63V
2390	4822 122 32863	22nF 80% 50V
2391	4822 122 32863	22nF 80% 50V
2392	4822 122 32863	22nF 80% 50V
2395	4822 122 32863	22nF 80% 50V
2396	4822 122 32863	22nF 80% 50V
2397	4822 122 32863	22nF 80% 50V
2398	4822 124 40435	10μF 20% 50V
2399	4822 124 41506	47μF 20% 16V
2400	4822 122 32863	22nF 80% 50V
2433	4822 122 32863	22nF 80% 50V
2434	5322 122 33446	3,3nF 10% 63V
2435	5322 122 33446	3,3nF 10% 63V
2436	4822 122 31961	68pF 5% 63V
2438	4822 122 32863	22nF 80% 50V
2440	4822 122 32863	22nF 80% 50V
2442	4822 122 32863	22nF 80% 50V
2445	4822 126 11804	330nF
2446	4822 126 11804	330nF
2447	4822 126 11804	330nF
2451	5322 121 42661	330nF 5% 63V
2452	4822 124 40242	1μF 20% 63V
2453	4822 122 31774	56pF 5% 50V
2454	4822 126 10324	33pF 63V
2455	4822 126 10324	33pF 63V
2456	4822 126 10324	33pF 63V
2476	4822 124 41577	4,7μF 20% 50V
2478	4822 122 31784	4,7nF 10% 50V
2479	4822 122 33105	56nF 10% 63V
2480	4822 124 40272	33μF 20% 16V
2600	4822 122 31947	100nF 20% 63V
2602	4822 122 31947	100nF 20% 63V
2604	4822 122 31947	100nF 20% 63V
2606	4822 122 31947	100nF 20% 63V
2608	4822 122 32927	220nF
2620	4822 122 33496	100nF 10% 63V
2620	4822 122 32927	220nF
2621	4822 122 33496	100nF 10% 63V
2622	4822 122 33496	100nF 10% 63V
2622	4822 122 32927	220nF
2623	4822 122 33496	100nF 10% 63V
2624	5322 122 31842	330pF 5% 63V
2626	4822 121 42408	220nF 5% 63V
2627	5322 124 41431	22μF 20% 35V
2628	5322 122 31842	330pF 5% 63V
2630	4822 122 32927	220nF
2632	5322 122 31842	330pF 5% 63V
2634	4822 121 42408	220nF 5% 63V
2636	5322 122 31842	330pF 5% 63V
2638	4822 121 42408	220nF 5% 63V
2640	5322 122 31842	330pF 5% 63V
2642	4822 122 32927	220nF
2644	5322 122 31842	330pF 5% 63V
2646	4822 122 32927	220nF
2658	4822 122 31961	68pF 5% 63V
2659	4822 122 31961	68pF 5% 63V
2660	5322 122 31647	1nF 10% 63V
2662	5322 122 31647	1nF 10% 63V
2664	4822 122 32153	1,8nF 10% 63V
2666	4822 122 32153	1,8nF 10% 63V
2680	4822 122 31947	100nF 20% 63V
2681	4822 122 32542	47nF 10% 63V
2682	4822 124 40195	150μF 20% 16V
2684	4822 121 51252	470nF 5% 63V
2686	4822 121 51252	470nF 5% 63V
2688	4822 122 31782	15nF 10% 50V
2690	4822 122 31782	15nF 10% 50V

Spare parts list / Stückliste / Liste

Small signal panel C D F H

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2692	4822 122 31981	33nF ±0,5pF 50V
2694	4822 122 31916	5,6nF 10% 63V
2696	4822 122 31981	33nF ±0,5pF 50V
2697	4822 122 31965	220pF 5% 63V
2698	4822 122 31916	5,6nF 10% 63V
2699	4822 122 31965	220pF 5% 63V
2700	4822 124 40242	1µF 20% 63V
2702	4822 124 40242	1µF 20% 63V
2704	4822 122 31644	2,2nF 10% 63V
2706	5322 124 41431	22µF 20% 35V
2707	4822 122 31784	4,7nF 10% 50V
2714	4822 122 32863	22nF 80% 50V
2716	4822 122 32597	6,8nF 10% 63V
2720	5322 124 41431	22µF 20% 35V
2721	4822 122 31784	4,7nF 10% 50V
2726	4822 122 31644	2,2nF 10% 63V
2727	4822 124 42362	33µF 20% 16V
2734	4822 122 32863	22nF 80% 50V
2736	4822 122 32597	6,8nF 10% 63V

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3100	4822 051 10102	1k 2% 0,25W
3101	4822 116 52175	100Ω 5% 0,5W
3103	4822 051 10101	100Ω 2% 0,25W
3104	4822 116 52175	100Ω 5% 0,5W
3105	4822 051 10101	100Ω 2% 0,25W
3113	4822 116 52175	100Ω 5% 0,5W
3114	4822 116 52175	100Ω 5% 0,5W
3115	4822 116 52175	100Ω 5% 0,5W
3116	4822 116 52175	100Ω 5% 0,5W
3117	4822 051 20222	2k2 5% 0,1W
3119	4822 051 20222	2k2 5% 0,1W
3120	4822 051 20222	2k2 5% 0,1W
3121	4822 051 10123	12k 2% 0,25W
3122	4822 051 10822	8k2 2% 0,25W
3123	4822 051 10822	8k2 2% 0,25W
3124	4822 051 10101	100Ω 2% 0,25W
3125	4822 051 10101	100Ω 2% 0,25W
3126	4822 051 10101	100Ω 2% 0,25W
3127	4822 051 10101	100Ω 2% 0,25W
3128	4822 051 10471	470Ω 2% 0,25W
3129	4822 116 52175	100Ω 5% 0,5W
3131	4822 116 52175	100Ω 5% 0,5W
3132	4822 116 52175	100Ω 5% 0,5W
3133	4822 051 10151	150Ω 2% 0,25W
3134	4822 116 52175	100Ω 5% 0,5W
3135	4822 051 10101	100Ω 2% 0,25W
3136	4822 051 10101	100Ω 2% 0,25W
3137	4822 116 52183	16Ω 5% 0,5W
3138	4822 116 52175	100Ω 5% 0,5W
3139	4822 116 52175	100Ω 5% 0,5W
3140	4822 050 11002	1k 1% 0,4W
3141	4822 050 11002	1k 1% 0,4W
3142	4822 050 11002	1k 1% 0,4W
3143	4822 050 11002	1k 1% 0,4W
3144	4822 050 11002	1k 1% 0,4W
3145	4822 050 11002	1k 1% 0,4W
3146	4822 050 11002	1k 1% 0,4W
3148	4822 051 10473	47k 2% 0,25W
3149	4822 051 10473	47k 2% 0,25W
3150	4822 051 10473	47k 2% 0,25W
3151	4822 051 10562	5k6 2% 0,25W
3152	4822 051 10103	10k 2% 0,25W
3153	4822 051 10103	10k 2% 0,25W
3154	4822 051 10152	1k5 2% 0,25W
3155	4822 051 10104	100k 2% 0,25W
3156	4822 051 10562	5k6 2% 0,25W
3157	4822 050 11002	1k 1% 0,4W
3158	4822 050 11002	1k 1% 0,4W
3159	4822 051 10103	10k 2% 0,25W
3160	4822 052 10758	7Ω5 5% 0,33W
3160	4822 052 10109	10Ω 5% 0,33W
3160	4822 116 81203	10Ω 5% 0,3W
3161	4822 051 10103	10k 2% 0,25W
3162	4822 052 10758	7Ω5 5% 0,33W
3163	4822 051 10223	22k 2% 0,25W
3164	4822 051 10101	100Ω 2% 0,25W
3165	4822 051 10101	100Ω 2% 0,25W
3166	4822 052 10228	2Ω2 5% 0,33W
3167	4822 051 10122	1k2 2% 0,25W
3168	5322 111 90282	2k4 2% 0,25W
3169	4822 050 11002	1k 1% 0,4W
3170	4822 116 82772	3Ω9 5% 0.3W
3171	4822 052 11511	510Ω 5% 0,5W
3172	4822 052 10229	22Ω 5% 0,33W
3175	4822 051 10153	15k 2% 0,25W
3176	4822 051 10103	10k 2% 0,25W
3177	4822 051 10103	10k 2% 0,25W
3178	4822 051 10223	22k 2% 0,25W
3180	4822 116 52224	470Ω 5% 0,5W
3181	4822 051 10822	8k2 2% 0,25W
3182	4822 116 52214	200Ω 5% 0,5W
3183	4822 116 52233	10k 5% 0,5W
3184	4822 051 51201	120Ω 1% 0,125W
3185	4822 051 10471	470Ω 2% 0,25W
3186	4822 116 52256	2k2 5% 0,5W
3187	4822 051 10759	75Ω 2% 0,25W
3188	4822 051 20222	2k2 5% 0,1W
3189	4822 051 10223	22k 2% 0,25W
3190	4822 051 10823	82k 2% 0,25W
3191	4822 051 56203	62k 1% 0,125W
3192	4822 051 10153	15k 2% 0,25W
3193	4822 051 10331	330Ω 2% 0,25W
3194	4822 051 10331	330Ω 2% 0,25W
3196	4822 051 10473	47k 2% 0,25W
3197	4822 051 10473	47k 2% 0,25W
3200	4822 051 10472	4k7 2% 0,25W
3201	4822 051 10472	4k7 2% 0,25W
3205	4822 051 10759	75Ω 2% 0,25W
3206	4822 051 10759	75Ω 2% 0,25W
3207	4822 051 10759	75Ω 2% 0,25W
3208	4822 051 10101	100Ω 2% 0,25W
3209	4822 051 10101	100Ω 2% 0,25W
3210	4822 051 10101	100Ω 2% 0,25W
3211	4822 116 52217	270Ω 5% 0,5W
3215	4822 051 10689	68Ω 2% 0,25W
3216	4822 052 10159	15Ω 5% 0,33W
3217	4822 116 52224	470Ω 5% 0,5W
3218	4822 051 10471	470Ω 2% 0,25W
3219	4822 051 10471	470Ω 2% 0,25W
3220	4822 051 10471	470Ω 2% 0,25W
3222	4822 116 52217	270Ω 5% 0,5W
3224	4822 051 10759	75Ω 2% 0,25W
3225	4822 051 10471	470Ω 2% 0,25W
3232	4822 051 10102	1k 2% 0,25W
3233	4822 051 10102	1k 2% 0,25W
3234	4822 051 10759	75Ω 2% 0,25W
3235	4822 051 10759	75Ω 2% 0,25W
3237	4822 116 52217	270Ω 5% 0,5W
3238	4822 116 52222	390Ω 5% 0,5W
3239	4822 051 10271	270Ω 2% 0,25W
3240	4822 051 10759	75Ω 2% 0,25W
3241	4822 051 10759	75Ω 2% 0,25W
3242	4822 116 52219	330Ω 5% 0,5W
3243	4822 051 10152	1k5 2% 0,25W
3244	4822 051 10102	1k 2% 0,25W
3245	4822 051 10474	470k 2% 0,25W
3246	4822 051 10331	330Ω 2% 0,25W
3247	4822 051 10102	1k 2% 0,25W
3248	4822 051 10681	680Ω 2% 0,25W
3249	4822 051 10102	1k 2% 0,25W
3251	4822 051 10759	75Ω 2% 0,25W
3252	4822 051 10759	75Ω 2% 0,25W
3253	4822 051 10561	560Ω 2% 0,25W
3253	4822 051 10331	330Ω 2% 0,25W
3254	4822 052 10159	15Ω 5% 0,33W
3255	4822 051 10821	820Ω 2% 0,25W
3259	4822 051 10103	10k 2% 0,25W
3260	4822 052 10159	15Ω 5% 0,33W
3261	4822 051 10471	470Ω 2% 0,25W
3262	4822 051 10103	10k 2% 0,25W
3263	4822 051 10689	68Ω 2% 0,25W
3264	4822 051 10471	470Ω 2% 0,25W
3265	4822 051 10103	10k 2% 0,25W
3266	4822 051 10103	10k 2% 0,25W
3267	4822 051 10103	10k 2% 0,25W
3268	4822 051 10101	100Ω 2% 0,25W
3269	4822 051 10561	560Ω 2% 0,25W
3270	4822 051 10472	4k7 2% 0,25W
3271	4822 051 10471	470Ω 2% 0,25W
3272	4822 116 52228	680Ω 5% 0,5W
3273	4822 051 10471	470Ω 2% 0,25W
3274	4822 051 10103	10k 2% 0,25W
3275	4822 051 10689	68Ω 2% 0,25W
3276	4822 051 10471	470Ω 2% 0,25W
3277	4822 051 10271	270Ω 2% 0,25W
3279	4822 051 10689	68Ω 2% 0,25W
3285	4822 051 10103	10k 2% 0,25W
3286	4822 051 10103	10k 2% 0,25W
3287	4822 051 10103	10k 2% 0,25W
3288	4822 051 10103	10k 2% 0,25W
3300	4822 051 10103	10k 2% 0,25W
3301	4822 051 10332	3k3 2% 0,25W
3303	4822 051 10361	360Ω 2% 0,25W
3304	4822 051 51201	120Ω 1% 0,125W
3304	4822 051 10101	100Ω 2% 0,25W
3305	4822 051 10104	100k 2% 0,25W
3306	4822 051 10221	220Ω 2% 0,25W
3306	4822 051 10241	240Ω 2% 0,25W
3310	4822 116 52207	1k2 5% 0,5W
3311	4822 051 10182	1k8 2% 0,25W
3312	4822 051 10511	510Ω 2% 0,25W
3313	4822 051 10362	3k6 2% 0,25W
3314	4822 051 10102	1k 2% 0,25W
3315	4822 051 10103	10k 2% 0,25W
3316	4822 051 10112	1k1 2% 0,25W
3317	4822 116 52233	10k 5% 0,5W
3324	4822 051 10223	22k 2% 0,25W
3325	4822 051 10682	6k8 2% 0,25W
3326	4822 051 10103	10k 2% 0,25W
3327	4822 051 10122	1k2 2% 0,25W
3329	4822 051 10392	3k9 2% 0,25W
3329	4822 051 10108	1Ω 5% 0,25W
3336	4822 051 10472	4k7 2% 0,25W
3338	4822 051 10391	390Ω 2% 0,25W
3339	4822 051 10153	15k 2% 0,25W
3339	4822 051 10391	390Ω 2% 0,25W
3342	4822 051 20222	2k2 5% 0,1W
3344	4822 051 10273	27k 2% 0,25W

Spare parts list / Stückliste / Liste

Small signal panel C D F H

3345	4822 051 10102	1k 2% 0,25W
3350	4822 051 51201	120Ω 1% 0,125W
3351	4822 051 10472	4k7 2% 0,25W
3353	4822 051 10332	3k3 2% 0,25W
3360	4822 052 10278	2Ω7 5% 0,33W
3361	4822 051 10102	1k 2% 0,25W
3369	4822 051 10331	330Ω 2% 0,25W
3370	4822 100 11391	330Ω 30% LIN
3371	4822 051 10431	430Ω 2% 0,25W
3372	4822 051 10331	330Ω 2% 0,25W
3375	4822 051 10008	0Ω 5% 0,25W
3376	4822 116 52286	5k1 5% 0,5W
3377	4822 051 10103	10k 2% 0,25W
3377	4822 051 10682	6k8 2% 0,25W
3380	4822 050 11002	1k 1% 0,4W
3382	4822 051 20222	2k2 5% 0,1W
3383	4822 051 10333	33k 2% 0,25W
3385	4822 051 10105	1M 5% 0,25W
3387	4822 050 11002	1k 1% 0,4W
3389	4822 051 10182	1k8 2% 0,25W
3390	4822 051 10821	820Ω 2% 0,25W
3391	4822 051 20222	2k2 5% 0,1W
3392	4822 051 10101	100Ω 2% 0,25W
3393	4822 051 10101	100Ω 2% 0,25W
3394	4822 051 10101	100Ω 2% 0,25W
3395	4822 051 10471	470Ω 2% 0,25W
3396	4822 051 20222	2k2 5% 0,1W
3397	4822 052 10249	24Ω 5% 0,33W
3398	4822 116 52175	100Ω 5% 0,5W
3399	4822 116 52175	100Ω 5% 0,5W
3410	4822 116 52224	470Ω 5% 0,5W
3425	4822 116 52224	470Ω 5% 0,5W
3426	4822 116 52224	470Ω 5% 0,5W
3450	4822 051 20222	2k2 5% 0,1W
3451	4822 051 10432	4k3 2% 0,25W
3453	4822 051 10511	510Ω 2% 0,25W
3454	4822 051 10101	100Ω 2% 0,25W
3455	4822 051 10101	100Ω 2% 0,25W
3456	4822 051 10101	100Ω 2% 0,25W
3465	4822 050 11002	1k 1% 0,4W
3471	4822 116 52233	10k 5% 0,5W
3472	4822 051 10682	6k8 2% 0,25W
3473	4822 051 10362	3k6 2% 0,25W
3474	4822 051 10101	100Ω 2% 0,25W
3475	4822 051 10124	120k 2% 0,25W
3476	4822 051 10154	150k 2% 0,25W
3477	4822 116 52286	5k1 5% 0,5W
3478	4822 116 52175	100Ω 5% 0,5W
3478	4822 116 52224	470Ω 5% 0,5W
3479	4822 051 10223	22k 2% 0,25W
3480	4822 052 10278	2Ω7 5% 0,33W
3481	4822 052 10278	2Ω7 5% 0,33W
3482	4822 116 52223	430Ω 5% 0,5W
3483	4822 116 52175	100Ω 5% 0,5W
3488	4822 051 20222	2k2 5% 0,1W
3492	4822 051 10471	470Ω 2% 0,25W
3590	4822 051 10101	100Ω 2% 0,25W
3600	4822 051 10362	3k6 2% 0,25W
3600	4822 051 10472	4k7 2% 0,25W
3602	4822 100 11212	2k2 30% LIN
3603	4822 051 10332	3k3 2% 0,25W
3604	4822 051 10182	1k8 2% 0,25W
3605	4822 051 10472	4k7 2% 0,25W
3606	4822 052 10279	27Ω 5% 0,33W
3607	4822 051 10302	3k 2% 0,25W
3608	4822 051 10101	100Ω 2% 0,25W
3610	4822 051 10101	100Ω 2% 0,25W

3612	4822 051 10102	1k 2% 0,25W
3620	4822 051 10183	18k 2% 0,25W
3622	4822 051 10183	18k 2% 0,25W
3624	4822 051 10102	1k 2% 0,25W
3626	4822 051 10183	18k 2% 0,25W
3628	4822 051 10102	1k 2% 0,25W
3630	4822 051 10183	18k 2% 0,25W
3632	4822 051 10102	1k 2% 0,25W
3634	4822 051 10183	18k 2% 0,25W
3636	4822 051 10102	1k 2% 0,25W
3638	4822 051 10183	18k 2% 0,25W
3640	4822 051 10102	1k 2% 0,25W
3642	4822 051 10183	18k 2% 0,25W
3644	4822 051 10102	1k 2% 0,25W
3646	4822 051 10183	18k 2% 0,25W
3650	4822 051 10392	3k9 2% 0,25W
3651	4822 051 10123	12k 2% 0,25W
3652	4822 051 10392	3k9 2% 0,25W
3653	4822 051 10123	12k 2% 0,25W
3654	4822 116 52244	15k 5% 0,5W
3660	4822 051 10331	330Ω 2% 0,25W
3662	4822 051 10151	150Ω 2% 0,25W
3664	4822 051 10331	330Ω 2% 0,25W
3665	4822 052 10159	15Ω 5% 0,33W
3666	4822 051 10151	150Ω 2% 0,25W
3668	4822 051 10331	330Ω 2% 0,25W
3672	4822 051 10331	330Ω 2% 0,25W
3680	4822 052 10279	27Ω 5% 0,33W
3682	4822 051 10568	5Ω6 5% 0,25W
3684	4822 116 52175	100Ω 5% 0,5W
3686	4822 116 52175	100Ω 5% 0,5W
3700	4822 116 52263	2k7 5% 0,5W
3702	4822 051 10223	22k 2% 0,25W
3704	4822 051 10102	1k 2% 0,25W
3706	4822 052 10109	10Ω 5% 0,33W
3708	4822 051 10101	100Ω 2% 0,25W
3710	4822 051 20183	18k 5% 0,1W
3712	4822 116 52203	91Ω 5% 0,5W
3713	4822 116 52203	91Ω 5% 0,5W
3714	4822 051 10828	8Ω2 5% 0,25W
3720	4822 052 10109	10Ω 5% 0,33W
3722	4822 116 52263	2k7 5% 0,5W
3724	4822 051 10223	22k 2% 0,25W
3726	4822 051 10102	1k 2% 0,25W
3728	4822 051 10101	100Ω 2% 0,25W
3730	4822 051 20183	18k 5% 0,1W
3732	4822 116 52203	91Ω 5% 0,5W
3733	4822 116 52203	91Ω 5% 0,5W
3734	4822 051 10828	8Ω2 5% 0,25W
3998	4822 051 10151	150Ω 2% 0,25W
3998	4822 051 10181	180Ω 2% 0,25W
3998	4822 051 10221	220Ω 2% 0,25W
3998	4822 051 10332	3k3 2% 0,25W
3998	4822 051 10393	39k 2% 0,25W
3998	4822 051 10473	47k 2% 0,25W
3998	4822 051 10563	56k 2% 0,25W
3998	4822 051 10333	33k 2% 0,25W

Jumpers

4066	4822 051 10008	0Ω 5% 0,25W
4105	4822 051 10008	0Ω 5% 0,25W
4106	4822 051 10008	0Ω 5% 0,25W
4107	4822 051 10008	0Ω 5% 0,25W
4108	4822 051 10008	0Ω 5% 0,25W
4109	4822 051 10008	0Ω 5% 0,25W
4110	4822 051 10008	0Ω 5% 0,25W
4111	4822 051 10008	0Ω 5% 0,25W
4112	4822 051 10008	0Ω 5% 0,25W
4114	4822 051 10008	0Ω 5% 0,25W
4115	4822 051 10008	0Ω 5% 0,25W
4120	4822 051 10008	0Ω 5% 0,25W
4127	4822 051 10008	0Ω 5% 0,25W
4130	4822 051 10008	0Ω 5% 0,25W
4148	4822 051 10008	0Ω 5% 0,25W
4161	4822 051 10008	0Ω 5% 0,25W
4164	4822 051 20008	0Ω 5% 0,1W
4164	4822 051 10008	0Ω 5% 0,25W
4166	4822 051 10008	0Ω 5% 0,25W
4170	4822 051 10008	0Ω 5% 0,25W
4171	4822 051 10008	0Ω 5% 0,25W
4184	4822 051 10008	0Ω 5% 0,25W
4200	4822 051 10008	0Ω 5% 0,25W
4201	4822 051 10008	0Ω 5% 0,25W
4203	4822 051 10008	0Ω 5% 0,25W
4205	4822 051 10008	0Ω 5% 0,25W
4210	4822 051 10008	0Ω 5% 0,25W
4220	4822 051 10008	0Ω 5% 0,25W
4234	4822 051 10008	0Ω 5% 0,25W
4237	4822 051 10008	0Ω 5% 0,25W
4241	4822 051 10008	0Ω 5% 0,25W
4246	4822 051 10008	0Ω 5% 0,25W
4255	4822 051 10008	0Ω 5% 0,25W
4280	4822 051 10008	0Ω 5% 0,25W
4300	4822 051 10008	0Ω 5% 0,25W
4302	4822 051 10008	0Ω 5% 0,25W
4319	4822 051 10008	0Ω 5% 0,25W
4320	4822 051 10008	0Ω 5% 0,25W
4321	4822 051 10008	0Ω 5% 0,25W
4330	4822 051 10008	0Ω 5% 0,25W
4331	4822 051 10008	0Ω 5% 0,25W
4346	4822 051 10008	0Ω 5% 0,25W
4360	4822 051 10008	0Ω 5% 0,25W
4361	4822 051 10008	0Ω 5% 0,25W
4376	4822 051 10008	0Ω 5% 0,25W
4377	4822 051 10008	0Ω 5% 0,25W
4386	4822 051 10008	0Ω 5% 0,25W
4420	4822 051 10008	0Ω 5% 0,25W
4440	4822 051 10008	0Ω 5% 0,25W
4452	4822 051 10008	0Ω 5% 0,25W
4453	4822 051 10008	0Ω 5% 0,25W
4454	4822 051 10008	0Ω 5% 0,25W
4460	4822 051 10008	0Ω 5% 0,25W
4498	4822 051 10008	0Ω 5% 0,25W
4600	4822 051 10008	0Ω 5% 0,25W
4610	4822 051 10008	0Ω 5% 0,25W
4672	4822 051 10008	0Ω 5% 0,25W
4673	4822 051 10008	0Ω 5% 0,25W

5100	4822 157 53906	47µH 10%
5115	4822 152 20677	10µH 10%
5270	4822 157 52983	22µH 10%
5303	4822 157 63065	0,68µH 20%
5304	4822 157 63065	0,68µH 20%
5305	4822 157 62823	26µH 6%
5310	4822 157 63245	82µH 10%
5345	4822 157 62822	4,5µH 6%
5346	4822 157 62823	26µH 6%
5370	4822 157 62824	7,5µH 6%
5403	4822 157 63065	0,68µH 20%
5403	4822 157 53302	1µH 20%
5404	4822 157 63065	0,68µH 20%
5404	4822 157 53302	1µH 20%
5454	4822 157 63065	0,68µH 20%

Small

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Spare parts list / Stückliste / Liste

Small signal panel C D F H

5456	4822 157 63065	0,68µH 20%
5456	4822 157 63065	0,68µH 20%

6117	4822 130 80906	LLZ-F7V5
6120	4822 130 80446	LL4148
6121	4822 130 80446	LL4148
6163	4822 130 81226	LLZ-F33
6165	4822 130 80446	BAS32L
6166	4822 130 80446	BAS32L
6168	4822 130 80446	LL4148
6172	4822 130 80906	LLZ-C7V5
6173	4822 130 80446	LL4148
6178	4822 130 81222	LLZ-C15
6205	4822 130 80446	BAS32L
6206	4822 130 80446	BAS32L
6207	4822 130 80446	BAS32L
6256	4822 130 80446	BAS32L
6257	4822 130 80446	BAS32L
6280	4822 130 80446	LL4148
6281	4822 130 80446	LL4148
6342	4822 130 80888	BA682
6343	4822 130 80888	BA682
6386	4822 130 80446	LL4148
6387	4822 130 80954	LLZ-C5V6
6450	4822 130 81512	LLZ-C6V2
6465	4822 130 80446	LL4148
6478	4822 130 82345	LLZ-C22
6479	4822 130 80877	BAV103
6480	4822 130 82348	LLZ-F9V1
6610	4822 130 30621	1N4148
6660	4822 130 80446	LL4148
6661	4822 130 81223	LLZ-C2V4
6662	4822 130 80446	LL4148
6663	4822 130 81223	LLZ-C2V4
6664	4822 130 80446	LL4148
6665	4822 130 80446	LL4148

7119	5322 130 41982	BC848B
7120	5322 130 41982	BC848B
7121	4822 130 42513	BC858C
7365	4822 209 30837	TDA4650/V4/S1
7130	5322 130 42136	BC848C
7137	4822 209 71521	X2404
7175	5322 209 10883	PCF8574P
7176	4822 130 42513	BC858C
7177	4822 130 42513	BC858C
7178	5322 130 41982	BC848B
7182	5322 130 44743	BSR12
7183	5322 130 41982	BC848B
7186	4822 209 73852	PMBT2369
7188	4822 130 60511	BC847B
7193	4822 209 83163	LM833N
7193	4822 209 61115	LF353N
7216	4822 130 42615	BC817-40
7219	4822 209 63292	TEA6414
7243	5322 130 41983	BC858B
7244	5322 130 41982	BC848B
7258	5322 209 10421	HEF4094BP
7260	4822 130 42615	BC817-40
7261	5322 130 42136	BC848C
7265	5322 130 41982	BC848B
7268	4822 130 42615	BC817-40
7270	5322 130 41982	BC848B

7273	4822 130 42615	BC817-40
7305	5322 130 41983	BC858B
7311	5322 130 41982	BC848B
7312	5322 130 42136	BC848C
7313	4822 130 42513	BC858C
7314	5322 130 42136	BC848C
7315	5322 130 42136	BC848C
7324	4822 209 63901	TDA4568/V2
7326	5322 130 42136	BC848C
7338	5322 130 41982	BC848B
7350	5322 130 41982	BC848B
7360	4822 130 42615	BC817-40
7364	4822 209 30389	TDA4510/V8
7365	4822 209 30837	TDA4650/V4/S1
7366	4822 209 63108	TDA4660/V2
7390	4822 130 42513	BC858C
7395	4822 209 30394	TDA8443B/C1
7410	4822 209 73852	PMBT2369
7430	4822 209 63733	TDA4680/V5
7450	5322 130 42136	BC848C
7450	5322 130 42755	BC847C
7451	5322 130 42136	BC848C
7451	5322 130 42755	BC847C
7471	5322 130 42136	BC848C
7480	5322 130 44921	BD943
7492	5322 130 42136	BC848C
7600	4822 209 63967	TDA8417/V2
7620	4822 209 10263	4052B
7622	4822 209 10263	4052B
7630	4822 209 83163	LM833N
7635	4822 209 83163	LM833N
7660	5322 130 41982	BC848B
7661	5322 130 41982	BC848B
7662	5322 130 41982	BC848B
7680	4822 209 63734	TDA8425/V7
7704	4822 209 83163	LM833N
7706	5322 130 41982	BC848B
7708	5322 130 41983	BC858B
7730	5322 130 41982	BC848B
7732	5322 130 41983	BC858B

Spare parts list / Stückliste / Liste

High end-box L M

Connectors

	4822 267 70257	IC socket 48P
	4822 255 40901	IC socket 40P
	4822 267 60252	IC socket 24P
	4822 267 50885	IC socket 16P
	4822 265 40472	10p gold plated

Various

1100	4822 242 72572	crystal 12MHz
1200	4822 242 71417	cryst. 13,875MHz

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2100	4822 122 32999	2,2nF 5% 63V
2101	4822 122 32999	2,2nF 5% 63V
2102	4822 122 31825	27pF 10% 50V
2103	4822 122 31825	27pF 10% 50V
2104	4822 124 40435	10µF 20% 50V
2105	4822 122 33496	100nF 10% 63V
2106	4822 122 33498	2,7nF 10% 63V
2107	4822 124 41715	220µF 20% 6,3V
2108	4822 124 41506	47µF 20% 16V
2109	4822 122 31965	220pF 5% 63V
2110	4822 122 31965	220pF 5% 63V
2111	5322 122 31842	330pF 5% 63V
2112	4822 122 33496	100nF 10% 63V
2113	5322 122 32163	5,6pF 5% 100V
2114	4822 122 33496	100nF 10% 63V
2115	4822 122 31965	220pF 5% 63V
2116	4822 122 31965	220pF 5% 63V
2117	5322 122 31842	330pF 5% 63V
2118	4822 122 31981	33nF ±0,5pF 50V
2119	4822 126 11492	220nF 10% 50V
2120	4822 122 31797	22nF 10% 63V
2121	4822 122 31797	22nF 10% 63V
2123	4822 122 33496	100nF 10% 63V
2124	4822 122 33496	100nF 10% 63V
2125	4822 122 31971	10pF 10% 50V
2126	4822 122 33496	100nF 10% 63V
2127	4822 122 33496	100nF 10% 63V
2128	4822 122 33496	100nF 10% 63V
2130	4822 122 31765	100pF 5% 50V
2131	4822 122 31765	100pF 5% 50V
2133	4822 122 31765	100pF 5% 50V
2134	4822 122 31746	1000pF 5% 50V
2135	4822 122 31772	47pF 5% 50V
2136	4822 122 31746	1000pF 5% 50V
2137	4822 122 32504	15pF 5% 50V
2138	4822 122 31971	10pF 10% 50V
2139	4822 122 31772	47pF 5% 50V
2140	4822 122 31772	47pF 5% 50V
2141	4822 122 31772	47pF 5% 50V
2142	4822 122 31772	47pF 5% 50V
2143	4822 122 31772	47pF 5% 50V
2144	4822 122 31772	47pF 5% 50V
2146	4822 122 31746	1000pF 5% 50V
2147	4822 122 32507	6,8pF 5% 50V
2148	4822 122 31965	220pF 5% 63V
2149	4822 122 31965	220pF 5% 63V
2150	5322 121 42661	330nF 5% 63V
2151	4822 122 31971	10pF 10% 50V
2152	4822 122 31774	56pF 5% 50V
2153	4822 126 11492	220nF 10% 50V
2154	4822 122 33496	100nF 10% 63V
2155	4822 122 31972	39pF 5% 50V
2156	4822 122 31808	150pF 10% 50V
2157	4822 122 31808	150pF 10% 50V

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2158	4822 122 33496	100nF 10% 63V
2159	4822 122 32444	33pF 5% 50V
2160	4822 122 31808	150pF 10% 50V
2161	4822 122 31808	150pF 10% 50V
2162	4822 122 33496	100nF 10% 63V
2163	4822 122 33496	100nF 10% 63V
2164	4822 122 33496	100nF 10% 63V
2165	4822 122 31981	33nF +-0,5pF 50V
2166	4822 122 31772	47pF 5% 50V
2167	4822 122 31772	47pF 5% 50V
2168	4822 122 31772	47pF 5% 50V
2169	4822 124 41643	100µF 20% 16V
2170	4822 122 33496	100nF 10% 63V
2172	4822 122 33496	100nF 10% 63V
2173	4822 122 33496	100nF 10% 63V
2174	4822 122 33496	100nF 10% 63V
2175	4822 122 33496	100nF 10% 63V
2176	4822 122 33496	100nF 10% 63V
2177	4822 122 33496	100nF 10% 63V
2178	4822 122 33496	100nF 10% 63V
2179	4822 122 31768	180pF 5% 50V
2180	4822 122 31768	180pF 5% 50V
2181	4822 122 33496	100nF 10% 63V
2182	4822 122 33496	100nF 10% 63V
2183	4822 122 33496	100nF 10% 63V
2184	4822 122 31772	47pF 5% 50V
2185	4822 122 31772	47pF 5% 50V
2186	4822 122 32082	4,7pF 5% 50V
2187	4822 124 41715	220µF 20% 6,3V
2188	4822 122 32999	2,2nF 5% 63V
2198	4822 122 31971	10pF 10% 50V
2199	4822 122 31772	47pF 5% 50V
2200	4822 124 41643	100µF 20% 16V
2201	5322 122 31842	330pF 5% 63V
2202	4822 124 41576	2,2µF 20% 50V
2203	4822 122 31825	27pF 10% 50V
2204	4822 122 32442	10nF 50V
2205	4822 122 32442	10nF 50V
2206	4822 122 32504	15pF 5% 50V
2207	4822 122 31765	100pF 5% 50V
2208	4822 122 32142	270pF 5% 63V
2209	4822 122 31797	22nF 10% 63V
2210	4822 122 31727	470pF 5% 63V
2211	5322 122 31647	1nF 10% 63V
2212	4822 122 32504	15pF 5% 50V
2215	4822 124 41576	2,2µF 20% 50V
2216	4822 122 33496	100nF 10% 63V
2217	4822 124 41576	2,2µF 20% 50V
2218	4822 124 41596	22µF 20% 50V
2219	4822 122 33496	100nF 10% 63V
2220	4822 124 41577	4,7µF 20% 50V
2221	4822 122 33496	100nF 10% 63V
2222	4822 122 33496	100nF 10% 63V
2223	4822 124 41643	100µF 20% 16V
2224	4822 121 42937	2,7nF 1% 250V
2225	4822 122 31765	100pF 5% 50V
2227	4822 124 40435	10µF 20% 50V
2228	4822 122 32142	270pF 5% 63V
2229	4822 122 33496	100nF 10% 63V
2230	4822 122 32142	270pF 5% 63V
2233	4822 122 31765	100pF 5% 50V
2235	4822 122 33498	2,7nF 10% 63V
2236	4822 122 32891	68nF 10% 63V
2237	4822 122 33496	100nF 10% 63V
2250	4822 122 33496	100nF 10% 63V
2251	4822 124 41554	220µF 20% 10V
2252	4822 122 33496	100nF 10% 63V

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2253	4822 121 51252	470nF 5% 63V
2254	4822 121 51252	470nF 5% 63V
2255	4822 122 33496	100nF 10% 63V
2256	4822 122 31965	220pF 5% 63V
2257	4822 122 31965	220pF 5% 63V
2258	4822 122 31769	18pF 5% 50V
2259	4822 122 31774	56pF 5% 50V
2260	4822 122 31774	56pF 5% 50V
2261	4822 122 33496	100nF 10% 63V
2262	4822 124 41643	100µF 20% 16V
2265	4822 124 41643	100µF 20% 16V
2266	4822 126 11725	1µF 20% 50V
2268	4822 124 41997	470µF 10V
2269	4822 122 33496	100nF 10% 63V
2270	4822 122 33496	100nF 10% 63V
2271	4822 122 33496	100nF 10% 63V
2272	4822 122 33496	100nF 10% 63V
2273	4822 124 40731	330µF 20% 6,3V
2274	4822 124 41506	47µF 20% 16V
2275	4822 122 33496	100nF 10% 63V
2276	4822 122 33496	100nF 10% 63V
2277	4822 124 41506	47µF 20% 16V
2286	4822 122 31765	100pF 5% 50V
2287	4822 122 31765	100pF 5% 50V
2289	5322 122 32269	6,8pF 5% 50V
2291	5322 122 32269	6,8pF 5% 50V
2292	4822 124 41643	100µF 20% 16V
2293	5322 122 32269	6,8pF 5% 50V
2294	4822 122 31769	18pF 5% 50V
2295	5322 122 32269	6,8pF 5% 50V
2296	4822 122 31769	18pF 5% 50V
2297	5322 122 32269	6,8pF 5% 50V
2298	4822 122 31769	18pF 5% 50V
2299	5322 122 32269	6,8pF 5% 50V
2301	4822 122 33496	100nF 10% 63V
2302	4822 122 33496	100nF 10% 63V
2303	4822 122 33496	100nF 10% 63V
2304	4822 122 32442	10nF 50V
2305	4822 122 32442	10nF 50V
2306	4822 122 32442	10nF 50V
2307	4822 122 33496	100nF 10% 63V
2308	4822 122 33496	100nF 10% 63V
2309	4822 122 33496	100nF 10% 63V
2310	4822 124 41997	470µF 20% 10V
2311	4822 124 41506	47µF 20% 16V
2312	4822 122 31769	18pF 5% 50V

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3000	4822 116 52186	22Ω 5% 0,5W
3000	4822 116 52188	27Ω 5% 0,5W
3001	4822 051 10102	1k 2% 0,25W
3001	4822 051 10122	1k2 2% 0,25W
3100	4822 051 20222	2k2 5% 0,1W
3101	4822 051 20222	2k2 5% 0,1W
3102	4822 051 10473	47k 2% 0,25W
3103	4822 051 10473	47k 2% 0,25W
3104	4822 051 10181	180Ω 2% 0,25W
3106	4822 051 10752	7k5 2% 0,25W
3107	4822 051 10562	5k6 2% 0,25W
3108	4822 051 10331	330Ω 2% 0,25W
3109	4822 051 10152	1k5 2% 0,25W
3110	4822 051 10102	1k 2% 0,25W
3111	4822 051 10473	47k 2% 0,25W
3112	4822 051 10103	10k 2% 0,25W
3113	4822 051 10109	10Ω 2% 0,25W
3114	4822 051 10104	100k 2% 0,25W
3119	4822 051 10152	1k5 2% 0,25W

5% 63V
5% 63V
10% 63V
5% 63V
5% 63V

% 50V
% 50V
% 50V
10% 63V
20% 16V

20% 16V
% 50V
10V
10% 63V
10% 63V

10% 63V
10% 63V
20% 6,3V
% 16V
0% 63V

0% 63V
% 16V
% 50V
% 50V
% 50V

% 50V
0% 16V
% 50V
6 50V
% 50V

6 50V
% 50V
6 50V
% 50V
0% 63V

0% 63V
0% 63V
V
V
V

0% 63V
0% 63V
0% 63V
0% 10V
% 16V

6 50V

0,5W
0,5W
,25W
0,25W
0,1W

0,1W
0,25W
0,25W
% 0,25W
0,25W

0,25W
% 0,25W
0,25W
,25W
0,25W

0,25W
0,25W
6 0,25W
0,25W

High end-box L M

3120	4822 051 10332	3k3 2% 0,25W
3121	4822 051 10472	4k7 2% 0,25W
3122	4822 051 10473	47k 2% 0,25W
3123	4822 051 10122	1k2 2% 0,25W
3124	4822 051 10101	100Ω 2% 0,25W
3126	4822 051 10272	2k7 2% 0,25W
3127	4822 051 10221	220Ω 2% 0,25W
3131	4822 051 10109	10Ω 2% 0,25W
3132	4822 051 10152	1k5 2% 0,25W
3133	4822 051 10101	100Ω 2% 0,25W
3134	4822 051 10221	220Ω 2% 0,25W
3135	4822 051 10272	2k7 2% 0,25W
3136	4822 116 81193	15Ω 5% 0,3W
3137	4822 051 10223	22k 2% 0,25W
3138	4822 051 10124	120k 2% 0,25W
3139	4822 051 10101	100Ω 2% 0,25W
3140	4822 051 10224	220k 2% 0,25W
3141	4822 051 10223	22k 2% 0,25W
3142	4822 051 10104	100k 2% 0,25W
3143	4822 051 10104	100k 2% 0,25W
3144	4822 051 10272	2k7 2% 0,25W
3145	4822 051 10759	75Ω 2% 0,25W
3146	4822 051 20222	2k2 5% 0,1W
3147	4822 051 10279	27Ω 2% 0,25W
3148	4822 051 10479	47Ω 2% 0,25W
3151	4822 051 10102	1k 2% 0,25W
3152	4822 051 10621	620Ω 2% 0,25W
3153	4822 051 10122	1k2 2% 0,25W
3155	4822 051 10271	270Ω 2% 0,25W
3156	4822 051 10102	1k 2% 0,25W
3157	4822 051 10151	150Ω 2% 0,25W
3158	4822 051 10331	330Ω 2% 0,25W
3159	4822 051 20222	2k2 5% 0,1W
3160	4822 051 10241	240Ω 2% 0,25W
3161	4822 051 10221	220Ω 2% 0,25W
3162	4822 051 10102	1k 2% 0,25W
3163	4822 051 10332	3k3 2% 0,25W
3164	4822 051 20222	2k2 5% 0,1W
3165	4822 051 10332	3k3 2% 0,25W
3166	4822 051 20222	2k2 5% 0,1W
3168	4822 051 10221	220Ω 2% 0,25W
3169	4822 051 10105	1M 5% 0,25W
3170	4822 051 10102	1k 2% 0,25W
3171	4822 051 10102	1k 2% 0,25W
3172	4822 051 51102	1k1 1% 0,125W
3173	4822 051 10102	1k 2% 0,25W
3174	4822 051 10102	1k 2% 0,25W
3175	4822 051 10683	68k 2% 0,25W
3176	4822 051 10103	10k 2% 0,25W
3198	4822 051 10008	0Ω 5% 0,25W
3200	4822 111 41423	18Ω 5% 0,3W
3202	4822 051 10101	100Ω 2% 0,25W
3203	4822 051 10101	100Ω 2% 0,25W
3204	4822 051 10103	10k 2% 0,25W
3205	4822 051 10102	1k 2% 0,25W
3206	4822 051 10332	3k3 2% 0,25W
3207	4822 051 10104	100k 2% 0,25W
3208	4822 051 10102	1k 2% 0,25W
3209	4822 051 10562	5k6 2% 0,25W
3210	4822 111 41424	22Ω 5% 0,3W
3211	4822 051 10229	22Ω 2% 0,25W
3212	4822 051 10122	1k2 2% 0,25W
3213	4822 051 10561	560Ω 2% 0,25W
3214	4822 051 10303	30k 2% 0,25W
3215	4822 051 10102	1k 2% 0,25W
3216	4822 051 10562	5k6 2% 0,25W
3217	4822 051 10101	100Ω 2% 0,25W
3218	4822 051 10155	1M5 5% 0,25W

3220	4822 051 10473	47k 2% 0,25W
3221	4822 051 10181	180Ω 2% 0,25W
3222	4822 051 10683	68k 2% 0,25W
3223	4822 051 10102	1k 2% 0,25W
3224	4822 051 20222	2k2 5% 0,1W
3225	4822 051 10221	220Ω 2% 0,25W
3226	4822 051 10681	680Ω 2% 0,25W
3227	4822 051 10221	220Ω 2% 0,25W
3228	4822 100 11483	10k 30% LIN
3230	4822 051 10562	5k6 2% 0,25W
3231	4822 051 20222	2k2 5% 0,1W
3232	4822 051 10102	1k 2% 0,25W
3251	4822 051 10393	39k 2% 0,25W
3252	4822 051 10751	750Ω 2% 0,25W
3253	4822 051 10751	750Ω 2% 0,25W
3254	4822 051 10221	220Ω 2% 0,25W
3255	4822 051 10471	470Ω 2% 0,25W
3256	4822 051 10681	680Ω 2% 0,25W
3260	4822 051 10822	8k2 2% 0,25W
3261	4822 051 10472	4k7 2% 0,25W
3262	4822 111 41424	22Ω 5% 0,3W
3274	4822 051 10223	22k 2% 0,25W
3275	4822 051 10102	1k 2% 0,25W
3276	4822 051 10392	3k9 2% 0,25W
3279	4822 051 10122	1k2 2% 0,25W
3280	4822 051 10102	1k 2% 0,25W
3281	4822 051 20222	2k2 5% 0,1W
3290	4822 051 10561	560Ω 2% 0,25W
3291	4822 051 10561	560Ω 2% 0,25W
3292	4822 051 10561	560Ω 2% 0,25W
3293	4822 051 10561	560Ω 2% 0,25W
3296	4822 051 55601	560Ω 1% 0,25W
3297	4822 051 52611	261Ω 1% 0,25W
3298	4822 051 10102	1k 2% 0,25W
3299	4822 051 10102	1k 2% 0,25W
3301	4822 051 10339	33Ω 2% 0,25W
3302	4822 051 10339	33Ω 2% 0,25W
3303	4822 051 10339	33Ω 2% 0,25W
3304	4822 051 10109	10Ω 2% 0,25W
3310	4822 051 10912	9k1 2% 0,25W
3320	4822 051 10008	0Ω 5% 0,25W
3321	4822 051 10008	0Ω 5% 0,25W
3322	4822 051 10008	0Ω 5% 0,25W

Jumpers

4001	4822 051 10008	0Ω 5% 0,25W
4007	4822 051 10008	0Ω 5% 0,25W

5040	4822 157 52983	22μH 10%
5041	4822 157 52983	22μH 10%
5100	4822 157 63246	6μH
5101	4822 157 63247	1,4μH
5102	4822 157 52403	3,3μH 10%
5103	4822 157 60147	2,2μH
5104	4822 157 60147	2,2μH
5105	4822 157 60147	2,2μH
5106	4822 157 60147	2,2μH
5107	4822 157 60147	2,2μH
5108	4822 157 60147	2,2μH
5109	4822 157 60147	2,2μH
5150	4822 157 52224	15μH 10%
5151	4822 157 60498	56μH 10%
5152	4822 157 60498	56μH 10%
5201	4822 157 52224	15μH 10%
5202	4822 157 52138	27μH 10%
5251	4822 157 60147	2,2μH
5252	4822 157 60147	2,2μH

6102	5322 130 80119	BBY40
6103	5322 130 80119	BBY40
6150	4822 130 82914	DIODE
6160	4822 130 80446	LL4148
6200	4822 130 80884	LLZ-C5V1
6201	4822 130 31253	BZX55-C2V4
6202	4822 130 80446	LL4148
6250	4822 130 33706	BZX84-B5V1
6251	4822 130 80446	LL4148

7100	4822 130 61207	BC848
7101	5322 130 42136	BC848C
7103	5322 130 42012	BC858
7104	4822 130 61207	BC848
7105	5322 130 42012	BC858
7106	4822 130 61207	BC848
7107	4822 130 61207	BC848
7108	4822 130 40938	BC548
7109	5322 130 42012	BC858
7110	5322 130 42012	BC858
7111	4822 130 61207	BC848
7112	5322 130 42012	BC858
7113	5322 130 42012	BC858
7116	4822 130 42131	BF550
7117	4822 130 42131	BF550
7119	5322 130 42136	BC848C
7120	5322 130 42136	BC848C
7121	5322 130 42136	BC848C
7122	5322 130 42136	BC848C
7123	4822 130 42513	BC858C
7124	5322 130 42136	BC848C
7125	5322 130 42136	BC848C
7156	4822 130 61207	BC848
7157	4822 130 61207	BC848
7159	4822 130 61207	BC848
7160	5322 130 42012	BC858
7170	4822 130 42513	BC858C
7200	4822 209 63645	SAA5231/V7
7201	4822 209 63902	SAA9042P/A
7202	4822 209 63893	LH2464-10
7203	4822 209 63423	TDA2579B/N2
7204	4822 209 30868	PCF80C51BH-3P
7205	4822 209 63892	UPD91237C
7206	4822 209 82341	PC74HCT04P
7207	4822 209 82341	PC74HCT04P
7209	4822 209 83163	LM833N
7210	4822 209 63894	PC74HCT4066P
7211	4822 209 30913	TDA8703/C4
7212	4822 209 30913	TDA8703/C4
7213	4822 209 30913	TDA8703/C4
7214	5322 209 11588	PC74HCT195P
7215	5322 209 11588	PC74HCT195P
7216	5322 209 11588	PC74HCT195P
7217	5322 209 11588	PC74HCT195P
7218	4822 209 72042	MC78L05ACP
7250	4822 209 60525	TMS4C1050-3N
7251	4822 209 60525	TMS4C1050-3N
7252	4822 209 60525	TMS4C1050-3N
7253	4822 209 63891	SDA9060
7254	4822 209 63897	TDA4563/V5

Spare parts list / Stückliste / Liste

PIP panel J

Connectors

	4822 265 40503	5P female gold
	4822 265 40472	10P female gold
	4822 265 30828	5P male
	4822 265 30899	5P
	4822 265 20509	2P grey
	4822 265 20511	2P blue

Various parts

1155	4822 320 40051	delay line DL711
1201	4822 242 70304	crystal 8,867MHz
1212	4822 242 70736	crystal 7,159MHz
1600	4822 210 50124	UV916E/IEC
1610	4822 242 80275	OFWG3962

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2103	4822 122 32444	33pF 5% 50V
2105	4822 122 31766	120pF 5% 50V
2118	4822 122 31775	680pF 5% 50V
2119	4822 122 31808	150pF 10% 50V
2120	4822 122 31807	1200pF 5% 50V
2125	4822 122 32863	22nF 80% 50V
2155	4822 122 32862	10nF 80% 50V
2158	4822 122 32862	10nF 80% 50V
2160	4822 121 42408	220nF 5% 63V
2161	4822 121 41854	150nF 5% 63V
2162	4822 122 31947	100nF 20% 63V
2171	4822 122 31961	68pF 5% 63V
2172	4822 126 11175	22pF 5% 50V
2176	4822 126 11175	22pF 5% 50V
2177	4822 122 31961	68pF 5% 63V
2180	4822 122 31768	180pF 5% 50V
2181	4822 122 31768	180pF 5% 50V
2185	4822 122 32863	22nF 80% 50V
2187	4822 122 32863	22nF 80% 50V
2189	4822 122 31746	1000pF 5% 50V
2196	4822 122 33105	56nF 10% 63V
2197	4822 122 31385	22pF 50V
2201	4822 122 31746	1000pF 5% 50V
2202	4822 125 50045	20pF trim.
2211	4822 122 31746	1000pF 5% 50V
2212	4822 125 50045	20pF trim.
2220	5322 121 42661	330nF 5% 63V
2222	4822 122 32542	47nF 10% 63V
2227	4822 122 31842	330pF 5% 63V
2230	4822 124 41578	6,8μF 20% 50V
2232	4822 124 41678	22μF 20% 25V
2234	4822 122 33496	100nF 10% 63V
2235	4822 124 41578	6,8μF 20% 50V
2238	4822 121 42937	2,7nF 1% 250V
2239	4822 122 31947	100nF 20% 63V
2250	4822 121 51115	270nF 10% 63V
2251	5322 122 31647	1nF 10% 63V
2255	4822 122 31766	120pF 5% 50V
2260	4822 122 31947	100nF 20% 63V
2270	4822 122 31947	100nF 20% 63V
2330	4822 122 32597	6,8nF 10% 63V
2345	4822 124 41506	47μF 20% 16V
2350	4822 124 40849	330μF 20% 16V
2351	4822 124 41643	100μF 20% 16V
2380	4822 122 32927	220nF
2382	4822 122 32927	220nF
2384	4822 122 32927	220nF
2391	4822 122 32927	220nF
2395	4822 122 32927	220nF
2397	4822 122 32927	220nF

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2399	4822 122 31746	1000pF 5% 50V
2404	4822 122 31965	220pF 5% 63V
2405	4822 122 32862	10nF 80% 50V
2409	4822 122 31965	220pF 5% 63V
2410	4822 122 32862	10nF 80% 50V
2413	4822 122 31839	82pF 10% 50V
2414	4822 122 32862	10nF 80% 50V
2415	4822 122 32765	820pF 10% 63V
2430	4822 122 31947	100nF 20% 63V
2432	4822 122 31947	100nF 20% 63V
2434	4822 122 31947	100nF 20% 63V
2438	4822 121 42472	10nF 10% 50V
2439	4822 121 41856	22nF 5% 250V
2440	4822 122 31965	220pF 5% 63V
2441	4822 122 31727	470pF 5% 63V
2442	4822 124 40242	1μF 20% 63V
2446	4822 122 31947	100nF 20% 63V
2448	4822 122 31947	100nF 20% 63V
2450	4822 122 32856	8,2nF 10% 63V
2455	4822 122 31972	39pF 5% 50V
2459	4822 124 41997	470μF 10V
2466	4822 122 31947	100nF 20% 63V
2470	4822 124 40435	10μF 20% 50V
2604	4822 124 40195	150μF 20% 16V
2614	4822 124 41506	47μF 20% 16V
2615	4822 124 41576	2,2μF 20% 50V
2616	4822 122 32927	220nF
2618	4822 122 32442	10nF 50V
2619	4822 124 40849	330μF 20% 16V
2620	4822 122 32442	10nF 50V
2621	4822 122 31797	22nF 10% 63V
2622	4822 122 31947	100nF 20% 63V
2623	4822 122 31797	22nF 10% 63V
2627	4822 122 32927	220nF

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3100	4822 051 10008	0Ω 5% 0,25W
3103	4822 051 10821	820Ω 2% 0,25W
3104	4822 051 10821	820Ω 2% 0,25W
3105	4822 051 10362	3k6 2% 0,25W
3106	4822 051 10103	10k 2% 0,25W
3107	4822 051 10103	10k 2% 0,25W
3108	4822 051 10103	10k 2% 0,25W
3155	4822 051 10391	390Ω 2% 0,25W
3156	4822 051 10122	1k2 2% 0,25W
3157	4822 100 11391	330Ω 30% LIN
3158	4822 051 10759	75Ω 2% 0,25W
3170	4822 051 10112	1k1 2% 0,25W
3175	4822 051 10621	620Ω 2% 0,25W
3196	4822 050 11002	1k 1% 0,4W
3200	4822 051 10103	10k 2% 0,25W
3201	4822 051 10103	10k 2% 0,25W
3202	4822 051 10103	10k 2% 0,25W
3211	4822 051 10103	10k 2% 0,25W
3212	4822 051 10103	10k 2% 0,25W
3214	4822 051 10102	1k 2% 0,25W
3220	4822 051 10512	5k1 2% 0,25W
3221	4822 116 52233	10k 5% 0,5W
3222	4822 051 10008	0Ω 5% 0,25W
3227	4822 116 52299	7k 5 5% 0,5W
3228	4822 051 10472	4k7 2% 0,25W
3231	4822 051 10302	3k 2% 0,25W
3232	4822 051 10229	22Ω 2% 0,25W
3233	4822 051 10821	820Ω 2% 0,25W
3233	4822 051 10152	1k5 2% 0,25W
3234	4822 051 10202	2k 2% 0,25W
3235	4822 051 10222	1k2 2% 0,25W

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3236	4822 051 10511	510Ω 2% 0,25W
3237	4822 051 10153	15k 2% 0,25W
3238	4822 051 10333	33k 2% 0,25W
3239	4822 100 11319	4k7 30% LIN
3241	4822 051 10302	3k 2% 0,25W
3242	4822 050 11002	1k 1% 0,4W
3250	4822 051 10911	910Ω 2% 0,25W
3265	4822 051 10104	100k 2% 0,25W
3270	4822 051 10103	10k 2% 0,25W
3275	4822 051 10103	10k 2% 0,25W
3276	4822 051 10102	1k 2% 0,25W
3330	4822 051 10752	7k5 2% 0,25W
3331	4822 051 10103	10k 2% 0,25W
3332	4822 051 10152	1k5 2% 0,25W
3335	4822 051 10271	270Ω 2% 0,25W
3336	4822 051 10432	4k3 2% 0,25W
3337	4822 116 52207	1k2 5% 0,5W
3338	4822 051 10332	3k3 2% 0,25W
3340	4822 116 52253	2k 5% 0,5W
3345	4822 052 10229	22Ω 5% 0,33W
3353	4822 052 10568	5Ω6 5% 0,33W
3354	4822 051 10271	270Ω 2% 0,25W
3376	4822 051 10008	0Ω 5% 0,25W
3377	4822 051 10008	0Ω 5% 0,25W
3378	4822 051 10008	0Ω 5% 0,25W
3380	4822 051 10008	0Ω 5% 0,25W
3381	4822 051 10151	150Ω 2% 0,25W
3382	4822 051 10008	0Ω 5% 0,25W
3383	4822 051 10008	0Ω 5% 0,25W
3384	4822 051 10151	150Ω 2% 0,25W
3385	4822 051 10008	0Ω 5% 0,25W
3386	4822 051 10008	0Ω 5% 0,25W
3387	4822 051 10151	150Ω 2% 0,25W
3388	4822 051 10008	0Ω 5% 0,25W
3404	4822 051 10431	430Ω 2% 0,25W
3405	4822 051 10271	270Ω 2% 0,25W
3410	4822 051 10391	390Ω 2% 0,25W
3411	4822 051 10361	360Ω 2% 0,25W
3412	4822 051 10361	360Ω 2% 0,25W
3412	4822 051 10391	390Ω 2% 0,25W
3414	4822 051 10101	100Ω 2% 0,25W
3416	4822 051 10182	1k8 2% 0,25W
3434	4822 051 10473	47k 2% 0,25W
3436	4822 051 10473	47k 2% 0,25W
3437	4822 051 10101	100Ω 2% 0,25W
3438	4822 051 10513	51k 2% 0,25W
3440	4822 116 52222	390Ω 5% 0,5W
3441	4822 051 10519	51Ω 2% 0,25W
3442	4822 051 10919	91Ω 2% 0,25W
3444	4822 116 52175	100Ω 5% 0,5W
3446	4822 116 52175	100Ω 5% 0,5W
3448	4822 051 10392	3k9 2% 0,25W
3450	4822 051 10681	680Ω 2% 0,25W
3450	4822 051 10751	750Ω 2% 0,25W
3452	4822 051 10681	680Ω 2% 0,25W
3452	4822 051 10751	750Ω 2% 0,25W
3454	4822 051 10681	680Ω 2% 0,25W
3454	4822 051 10751	750Ω 2% 0,25W
3460	4822 116 52217	270Ω 5% 0,5W
3461	4822 116 52259	2k4 5% 0,5W
3462	4822 051 10333	33k 2% 0,25W
3463	4822 116 52299	7k5 5% 0,5W
3464	4822 051 10472	4k7 2% 0,25W
3465	4822 051 10821	820Ω 2% 0,25W
3471	4822 051 10103	10k 2% 0,25W
3472	4822 051 10224	220k 2% 0,25W
3473	4822 051 10008	0Ω 5% 0,25W
3473	4822 051 10102	1k 2% 0,25W

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Jumpers

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Spare parts list / Stückliste / Liste

PIP panel J

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3600	4822 051 10103	10k 2% 0,25W
3601	4822 051 10103	10k 2% 0,25W
3602	4822 051 10101	100Ω 2% 0,25W
3603	4822 051 10101	100Ω 2% 0,25W
3604	4822 052 10158	1Ω5 5% 0,33W
3605	4822 051 10223	22k 2% 0,25W
3610	4822 100 11319	4k7 30% LIN
3611	4822 051 10332	3k3 2% 0,25W
3612	4822 051 10272	2k7 2% 0,25W
3613	4822 051 10103	10k 2% 0,25W
3614	4822 051 10123	12k 2% 0,25W
3615	4822 051 10822	8k2 2% 0,25W
3616	4822 116 52229	750Ω 5% 0,5W
3617	4822 051 10751	750Ω 2% 0,25W
3618	4822 052 10568	5Ω6 5% 0,33W
3619	4822 051 10471	470Ω 2% 0,25W
3620	4822 051 20222	2k2 5% 0,1W
3621	4822 051 10105	1M 5% 0,25W
3622	4822 051 10272	2k7 2% 0,25W
3624	4822 051 10272	2k7 2% 0,25W
3625	4822 051 10511	510Ω 2% 0,25W
3630	4822 051 10101	100Ω 2% 0,25W
3631	4822 051 10101	100Ω 2% 0,25W
3632	4822 051 10102	1k 2% 0,25W
3633	4822 051 10104	100k 2% 0,25W
3634	4822 051 10104	100k 2% 0,25W
3635	4822 051 10562	5k6 2% 0,25W
3636	4822 051 10911	910Ω 2% 0,25W
3637	4822 051 20183	18k 5% 0,1W
3638	4822 051 10362	3k6 2% 0,25W
3997	4822 051 10479	47Ω 2% 0,25W

Jumpers

4001	4822 051 10008	0Ω 5% 0,25W
4002	4822 051 10008	0Ω 5% 0,25W
4003	4822 051 10008	0Ω 5% 0,25W
4005	4822 051 10008	0Ω 5% 0,25W
4007	4822 051 10008	0Ω 5% 0,25W
4009	4822 051 10008	0Ω 5% 0,25W
4011	4822 051 10008	0Ω 5% 0,25W
4012	4822 051 10008	0Ω 5% 0,25W
4013	4822 051 10008	0Ω 5% 0,25W
4014	4822 051 10008	0Ω 5% 0,25W
4015	4822 051 10008	0Ω 5% 0,25W
4016	4822 051 10008	0Ω 5% 0,25W
4017	4822 051 10008	0Ω 5% 0,25W
4018	4822 051 10008	0Ω 5% 0,25W
4019	4822 051 10008	0Ω 5% 0,25W
4020	4822 051 10008	0Ω 5% 0,25W
4021	4822 051 10008	0Ω 5% 0,25W
4022	4822 051 10008	0Ω 5% 0,25W
4024	4822 051 10008	0Ω 5% 0,25W
4025	4822 051 10008	0Ω 5% 0,25W
4026	4822 051 10008	0Ω 5% 0,25W
4027	4822 051 10008	0Ω 5% 0,25W
4028	4822 051 10008	0Ω 5% 0,25W
4029	4822 051 10008	0Ω 5% 0,25W
4046	4822 051 10008	0Ω 5% 0,25W
4048	4822 051 10008	0Ω 5% 0,25W
4049	4822 051 10008	0Ω 5% 0,25W
4403	4822 051 10008	0Ω 5% 0,25W
4404	4822 051 10008	0Ω 5% 0,25W
4410	4822 051 10008	0Ω 5% 0,25W
4415	4822 051 10008	0Ω 5% 0,25W
4417	4822 051 10008	0Ω 5% 0,25W
4418	4822 051 10008	0Ω 5% 0,25W
4419	4822 051 10008	0Ω 5% 0,25W

Jumpers

4420	4822 051 10008	0Ω 5% 0,25W
4421	4822 051 10008	0Ω 5% 0,25W
4631	4822 051 10008	0Ω 5% 0,25W
4632	4822 051 10008	0Ω 5% 0,25W
4633	4822 051 10008	0Ω 5% 0,25W
4634	4822 051 10008	0Ω 5% 0,25W

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5118	4822 157 60435	10,3μH 6%
5155	4822 157 60433	7,2μH 6%
5157	4822 157 60434	9,4μH 6%
5170	4822 157 60432	10,3μH
5175	4822 157 60432	10,3μH
5190	4822 157 60432	10,3μH
5400	4822 157 50943	12μH 10%
5402	4822 157 50943	12μH 10%
5403	4822 157 52333	100μH
5406	4822 157 50943	12μH 10%
5408	4822 157 50943	12μH 10%
5410	4822 157 50943	12μH 10%

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6300	4822 130 80906	LLZ-C7V5
6301	4822 130 80446	LL4148

7103	5322 130 41982	BC848B
7105	5322 130 41982	BC848B
7125	4822 209 63927	TDA4554/V1
7126	4822 209 30389	TDA4510/V8
7200	5322 130 41982	BC848B
7210	5322 130 41982	BC848B
7233	5322 130 41982	BC848B
7234	5322 130 41982	BC848B
7235	5322 130 41982	BC848B
7330	5322 130 41982	BC848B
7335	5322 130 41982	BC848B
7337	5322 130 41982	BC848B
7338	5322 130 41982	BC848B
7350	4822 130 42616	BC818-40
7381	5322 130 42012	BC858
7385	5322 130 42012	BC858
7387	5322 130 42012	BC858
7400	5322 130 41983	BC858B
7402	5322 130 41983	BC858B
7404	5322 130 41983	BC858B
7406	4822 209 62473	SDA9087
7408	4822 209 63291	SDA9088/2R
7410	4822 209 63644	SDA9086-3
7610	4822 209 30393	TDA8349A/N2
7630	4822 209 30395	SAA1300AQ/N6
7755	4822 209 72363	TDA2579A/N8

Spare parts list / Stückliste / Liste

Picture tube panel E

Connectors

	4822 265 20509	2P male grey
	4822 265 40596	2P male
	4822 267 40985	6P male black
	4822 290 40295	7P male grey

Various parts

	4822 492 70788	spring fix IC
	4822 255 70261	picture tube socket
1030	4822 212 23711	PTP 25"-28"
1030	4822 212 23953	PIP 33"

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2700	4822 122 33496	100nF 10% 63V
2701	4822 122 32507	6,8pF 5% 50V
2703	4822 122 33125	180pF 10% 63V
2704	4822 124 42182	3,3μF 20% 250V
2705	4822 124 40272	33μF 20% 16V
2706	4822 122 31797	22nF 10% 63V
2707	4822 121 51562	33nF 10% 1600V
2708	5322 122 31842	330pF 5% 63V
2709	4822 122 31825	27pF 10% 50V
2710	4822 122 31774	56pF 5% 50V
2711	4822 122 32507	6,8pF 5% 50V
2712	4822 126 11175	22pF 5% 50V
2713	4822 121 41156	68nF 10% 250V
2715	4822 121 41156	68nF 10% 250V
2716	4822 122 31797	22nF 10% 63V
2717	4822 121 41156	68nF 10% 250V
2720	4822 122 31774	56pF 5% 50V
2721	4822 122 32507	6,8pF 5% 50V
2726	4822 122 31797	22nF 10% 63V
2730	4822 122 31774	56pF 5% 50V
2731	5322 122 31647	1nF 10% 63V
2741	5322 122 31647	1nF 10% 63V
2751	5322 122 31647	1nF 10% 63V
2760	4822 122 31174	2,7nF 10% 500V

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3537	4822 052 11128	1Ω2 5% 0,5W
3700	4822 051 10182	1k8 2% 0,25W
3701	4822 051 10101	100Ω 2% 0,25W
3702	4822 051 10102	1k 2% 0,25W
3704	4822 051 10272	2k7 2% 0,25W
3705	4822 051 10332	3k3 2% 0,25W
3706	4822 050 21504	150k 1% 0,6W
3708	4822 111 50518	1k5 5% 0,5W
3710	4822 051 10008	0Ω 5% 0,25W
3711	4822 051 10101	100Ω 2% 0,25W
3712	4822 051 10272	2k7 2% 0,25W
3714	4822 051 10272	2k7 2% 0,25W
3715	4822 051 10332	3k3 2% 0,25W
3716	4822 050 21504	150k 1% 0,6W
3718	4822 111 50518	1k5 5% 0,5W
3719	4822 051 10008	0Ω 5% 0,25W
3720	4822 051 10823	82k 2% 0,25W
3721	4822 051 10101	100Ω 2% 0,25W
3724	4822 051 10272	2k7 2% 0,25W
3725	4822 051 10332	3k3 2% 0,25W
3726	4822 050 21204	120k 1% 0,6W
3727	4822 111 50518	1k5 5% 0,5W
3728	4822 111 50518	1k5 5% 0,5W
3730	4822 111 50518	1k5 5% 0,5W
3731	4822 052 10279	27Ω 5% 0,33W

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3733	4822 052 10189	18Ω 5% 0,33W
3734	4822 051 10114	110k 2% 0,25W
3735	4822 051 10103	10k 2% 0,25W
3736	4822 051 10333	33k 2% 0,25W
3737	4822 051 10203	20k 2% 0,25W
3738	4822 116 52304	82k 5% 0,5W
3739	4822 116 52188	27Ω 5% 0,5W
3739	4822 116 52193	39Ω 5% 0,5W
3740	4822 051 10114	110k 2% 0,25W
3741	4822 051 10124	120k 2% 0,25W
3742	4822 051 10333	33k 2% 0,25W
3743	4822 051 10333	33k 2% 0,25W
3761	4822 051 10152	1k5 2% 0,25W
3761	4822 051 10332	3k3 2% 0,25W

Jumpers

4701	4822 051 10008	0Ω 5% 0,25W
4702	4822 051 10008	0Ω 5% 0,25W
4703	4822 051 10008	0Ω 5% 0,25W
4709	4822 051 10008	0Ω 5% 0,25W
4714	4822 051 10008	0Ω 5% 0,25W
4743	4822 051 10008	0Ω 5% 0,25W

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5700	4822 157 60155	33μH 7,5%
5701	4822 157 60155	33μH 7,5%

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6700	4822 130 80879	LLZ-C3V0
6701	4822 130 80877	BAV103
6702	4822 130 80877	BAV103
6703	4822 130 80877	BAV103
6704	4822 130 80877	BAV103
6705	4822 130 80877	BAV103
6706	4822 130 80877	BAV103
6707	4822 130 82345	LLZ-C22
6708	4822 130 30842	BAV21
6709	4822 130 30842	BAV21
6711	4822 130 30842	BAV21
6712	4822 130 80877	BAV103
6713	4822 130 80877	BAV103
6714	4822 130 32896	BYD33M
6715	4822 130 82969	BZD23-C24

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7704	4822 130 60373	BC856B
7705	4822 209 63898	TDA6111Q/N1
7705	4822 209 30417	TDA6111Q/N2
7706	4822 209 63898	TDA6111Q/N1
7706	4822 209 30417	TDA6111Q/N2
7707	4822 209 63898	TDA6111Q/N1
7707	4822 209 30417	TDA6111Q/N2
7708	4822 130 41646	BF423
7709	4822 130 41646	BF423
7710	4822 130 41646	BF423

NICAM sound module K

Connectors

	4822 265 41087	9P male

Various parts

1001	4822 242 81128	cryst. 17.470MHz
1002	4822 242 72301	filter TH316BOM - 20800DAF
1002	4822 242 72303	filter TH316BQM
1003	4822 242 81126	cryst. 11.170MHz
1003	4822 242 81127	cryst. 13.100MHz
1106	4822 242 72303	filter TH316BQM
1600	4822 212 23907	NICAM PAL BG
1600	4822 212 23908	NICAM PAL I

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2000	4822 122 31947	100nF 20% 63V
2001	4822 124 40433	47µF 20% 25V
2002	4822 122 31797	22nF 10% 63V
2003	4822 122 31797	22nF 10% 63V
2004	4822 122 31768	180pF 5% 50V
2005	4822 122 31768	180pF 5% 50V
2006	5322 122 31842	330pF 5% 63V
2007	4822 122 32597	6,8nF 10% 63V
2008	4822 122 31808	150pF 10% 50V
2009	4822 122 32442	10nF 50V
2010	4822 122 31808	150pF 10% 50V
2011	4822 122 31766	120pF 5% 50V
2012	4822 121 41854	150nF 5% 63V
2013	4822 122 31746	1000pF 5% 50V
2014	4822 122 32442	10nF 50V
2015	4822 125 50045	20pF trim.
2016	4822 122 31961	68pF 5% 63V
2017	4822 121 42408	220nF 5% 63V
2018	4822 122 32442	10nF 50V
2019	4822 122 31797	22nF 10% 63V
2020	4822 124 40433	47µF 20% 25V
2021	4822 122 31782	15nF 10% 50V
2021	4822 122 32856	8,2nF 10% 63V
2022	4822.122 31981	33nF ±0,5pF 50V
2022	4822 122 31759	18nF
2023	4822 122 31981	33nF ±0,5pF 50V
2023	4822 122 31759	18nF
2024	4822 122 31782	15nF 10% 50V
2024	4822 122 32856	8,2nF 10% 63V
2025	4822 122 31797	22nF 10% 63V
2026	4822 124 40433	47µF 20% 25V
2027	4822 122 31773	560pF 5% 50V
2028	4822 126 10171	2,7nF 5% 50V
2029	4822 122 32999	2,2nF 5% 50V
2030	4822 122 32999	2,2nF 5% 50V
2031	4822 126 10171	2,7nF 5% 50V
2032	4822 122 31773	560pF 5% 50V
2033	4822 126 11492	220nF 10% 63V
2034	4822 126 11492	220nF 10% 63V
2035	4822 122 31746	1000pF 5% 50V
2036	4822 122 32442	10nF 50V
2037	4822 122 32442	10nF 50V
2038	4822 122 31797	22nF 10% 63V
2039	4822 126 11691	150nF 10% 63V
2040	4822 122 33669	150nF 20% 50V
2041	5322 122 31647	1nF 10% 63V
2042	4822 126 10183	330pF 10% 63V
2043	5322 122 31647	1nF 10% 63V
2044	5322 122 31647	1nF 10% 63V
2050	4822 124 40433	47µF 20% 25V

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2051	5322 122 31647	1nF 10% 63V
2245	5322 122 31647	1nF 10% 63V
2246	5322 122 31647	1nF 10% 63V

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3000	4822 051 10471	470Ω 2% 0,25W
3002	4822 051 10332	3k3 2% 0,25W
3003	4822 051 10332	3k3 2% 0,25W
3004	4822 051 10104	100k 2% 0,25W
3005	4822 051 10823	82k 2% 0,25W
3007	4822 051 10223	22k 2% 0,25W
3008	4822 051 10223	22k 2% 0,25W
3009	4822 051 10392	3k9 2% 0,25W
3010	4822 051 10104	100k 2% 0,25W
3011	4822 051 10104	100k 2% 0,25W
3012	4822 053 20106	10M 5% 0,25W
3013	4822 051 10824	820k 2% 0,25W
3014	4822 051 10103	10k 2% 0,25W
3015	4822 051 10682	6k8 2% 0,25W
3015	4822 051 10123	12k 2% 0,25W
3016	4822 051 10122	1k2 2% 0,25W
3016	4822 051 20222	2k2 5% 0,1W
3017	4822 051 10122	1k2 2% 0,25W
3017	4822 051 20222	2k2 5% 0,1W
3018	4822 051 10682	6k8 2% 0,25W
3018	4822 051 10123	12k 2% 0,25W
3019	4822 051 10752	7k5 2% 0,25W
3019	4822 051 10562	5k6 2% 0,25W
3020	4822 051 10472	4k7 2% 0,25W
3021	4822 051 10472	4k7 2% 0,25W
3022	4822 051 10472	4k7 2% 0,25W
3023	4822 051 10472	4k7 2% 0,25W
3024	4822 051 10184	180k 2% 0,25W
3025	4822 051 10184	180k 2% 0,25W
3026	4822 051 10101	100Ω 2% 0,25W
3027	4822 051 10101	100Ω 2% 0,25W
3028	4822 051 10103	10k 2% 0,25W
3029	4822 052 10109	10Ω 5% 0,33W
3030	4822 051 10102	1k 2% 0,25W
3031	4822 051 10102	1k 2% 0,25W
3032	4822 051 10569	56Ω 2% 0,25W
3033	4822 051 20222	2k2 5% 0,1W
3034	4822 051 10431	430Ω 2% 0,25W
3035	4822 051 10241	240Ω 2% 0,25W
3036	4822 051 10102	1k 2% 0,25W
3037	4822 051 10159	15Ω 2% 0,25W
3049	4822 051 10223	22k 2% 0,25W
3050	4822 051 10103	10k 2% 0,25W
3099	4822 051 10101	100Ω 2% 0,25W
3099	4822 116 90536	120Ω 1% 0,125W

Jumpers

4002	4822 051 10008	0Ω 5% 0,25W
4003	4822 051 10008	0Ω 5% 0,25W
4005	4822 051 10008	0Ω 5% 0,25W
4052	4822 051 10008	0Ω 5% 0,25W
4053	4822 051 10008	0Ω 5% 0,25W
4054	4822 051 10008	0Ω 5% 0,25W
4055	4822 051 10008	0Ω 5% 0,25W
4100	4822 051 10008	0Ω 5% 0,25W

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5000	4822 157 50975	1mH 10%
5001	4822 157 50975	1mH 10%
5002	4822 157 51235	4,7µH 10%
5003	4822 157 51235	4,7µH 10%

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6000	4822 130 30621	1N4148
6005	4822 209 30911	OF4076
6006	5322 130 31684	BB809
6050	4822 130 80446	LL4148

7000	4822 209 30909	TDA8732/C1
7001	4822 209 30914	SAA7280/M3
7002	4822 209 83163	LM833N
7003	4822 209 83163	LM833N
7004	5322 209 10576	4053B
7007	4822 209 73236	TDA1543/N2
7008	5322 130 42755	BC847C
7009	4822 130 60887	BF840
7050	5322 130 42136	BC848C

Spare parts list / Stückliste / Liste

Y/C detector I

Connectors

	4822 265 40503	5P female gold
	4822 265 30431	3P female gold

Various parts

1231	4822 242 80364	filter 4,43MHz

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2225	4822 124 40196	220μF 20% 16V
2226	4822 122 32927	220nF
2228	4822 122 32927	220nF
2235	4822 122 31965	220pF 5% 63V
2236	4822 122 31772	47pF 5% 50V
2237	4822 122 32142	270pF 5% 63V
2238	4822 122 31768	180pF 5% 50V
2239	4822 122 31947	100nF 20% 63V
2244	4822 124 20722	1μF 10% 63V
2246	4822 122 31947	100nF 20% 63V
2247	4822 122 31766	120pF 5% 50V
2261	4822 124 20678	47μF 10% 10V
2262	4822 122 31808	150pF 10% 50V
2269	4822 124 20726	4,7μF 10% 63V

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3200	4822 050 11002	1k 1% 0,4W
3201	4822 116 83006	2M7 5% 0,5W
3203	4822 051 10563	56k 2% 0,25W
3204	4822 051 10103	10k 2% 0,25W
3212	4822 051 10751	750Ω 2% 0,25W
3213	4822 051 10008	0Ω 5% 0,25W
3213	4822 051 10153	15k 2% 0,25W
3214	4822 051 10153	15k 2% 0,25W
3221	4822 051 10472	4k7 2% 0,25W
3223	4822 116 52203	91Ω 5% 0,5W
3225	4822 116 52219	330Ω 5% 0,5W
3226	4822 116 52243	1k5 5% 0,5W
3227	4822 051 10112	1k1 2% 0,25W
3228	4822 051 10474	470k 2% 0,25W
3229	4822 051 10331	330Ω 2% 0,25W
3230	4822 051 10102	1k 2% 0,25W
3231	4822 051 10681	680Ω 2% 0,25W
3236	4822 051 10331	330Ω 2% 0,25W
3250	4822 051 10151	150Ω 2% 0,25W
3258	4822 051 10102	1k 2% 0,25W
3272	4822 051 10471	470Ω 2% 0,25W
3278	4822 051 10472	4k7 2% 0,25W
3280	4822 051 10102	1k 2% 0,25W
3282	4822 051 10103	10k 2% 0,25W
3283	4822 051 10472	4k7 2% 0,25W
3284	4822 051 10102	1k 2% 0,25W
3289	4822 051 10102	1k 2% 0,25W
3302	4822 051 10102	1k 2% 0,25W
3307	4822 051 10474	470k 2% 0,25W
3308	4822 051 10471	470Ω 2% 0,25W
3309	4822 051 10008	0Ω 5% 0,25W
3319	4822 051 10102	1k 2% 0,25W

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5200	4822 157 62824	7,5μH
5201	4822 157 62824	7,5μH
5202	4822 157 60122	4,7μH 10%

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6258	4822 130 80905	LLZ-F5V1

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7226	5322 130 41983	BC858B
7228	5322 130 41982	BC848B
7262	5322 130 41983	BC858B
7263	5322 130 41982	BC848B
7264	4822 130 42353	BFS19
7266	5322 130 42136	BC848C
7267	4822 130 42513	BC858C
7274	5322 130 42136	BC848C
7275	4822 130 42513	BC858C
7276	5322 130 41983	BC858B
7277	5322 130 41982	BC848B
7278	5322 130 41982	BC848B